

PHILIPS

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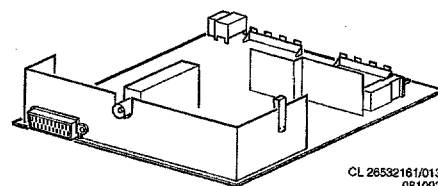
MODEL

SERVICE MANUAL

Service
Service
Service

Anubis A

AC



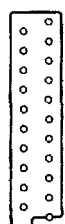
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Service Manual

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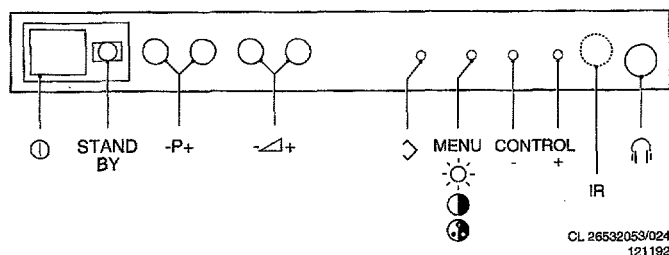
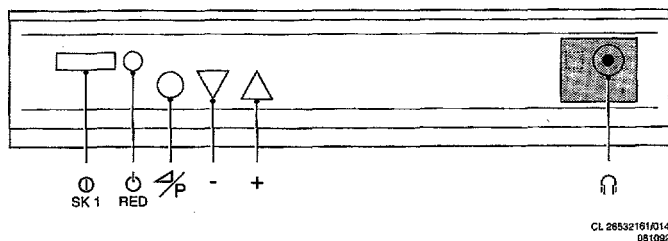
Mains voltage	: 220-240 V $\pm$ 10 %
	: 50 Hz $\pm$ 5 %
Aerial input impedance	: 75 Ω - coax
Minimum aerial input VHF	: 30 μ V
Minimum aerial input UHF	: 40 μ V
Maximum aerial input	: 180 mV
Pull-in range colour sync	: $\pm$ 300 Hz
Pull-in range horizontal sync	: $\pm$ 600 Hz
Pull-in range vertical sync	: $\pm$ 5 Hz
Picture tube range	: 14", 15", 17" and 21"

Euroconnector:

- 
- 1 - Audio $\rightarrow$ R (0,5V RMS $\leq$ 1k Ω)
 - 2 - Audio $\rightarrow$ L (0,2 - 2V RMS $\geq$ 10k Ω)
 - 3 - Audio $\rightarrow$ L (0,5V RMS $\leq$ 1k Ω)
 - 4 - Audio $\downarrow$
 - 5 - Blue $\downarrow$
 - 6 - Audio $\rightarrow$ L (0,2 - 2V RMS $\geq$ 10k Ω)
 - 7 - Blue (0,7V_{pp}/75 Ω)
 - 8 - CVBS-status 1 $\rightarrow$ (0-2V int.)(10-12V ext.)
 - 9 - Green $\downarrow$
 - 10 - -
 - 11 - Green (0,7V_{pp}/75 Ω)
 - 12 - -
 - 13 - Red $\downarrow$
 - 14 - -
 - 15 - Red (0,7V_{pp}/75 Ω)
 - 16 - RGB-status (0-0,4V int.)(1-3V ext. 75 Ω)
 - 17 - CVBS $\downarrow$
 - 18 - CVBS $\downarrow$
 - 19 - CVBS $\rightarrow$ (1V_{pp}/75 Ω)
 - 20 - CVBS $\rightarrow$ (1V_{pp}/75 Ω)
 - 21 - Earthscreen

CINCH:

- $\odot$ CINCH Audio $\rightarrow$ (0,2V_{eff} - 2 V_{eff} $\geq$ 10k Ω)
- $\odot$ CINCH CVBS $\rightarrow$ (1V_{pp}/75 Ω)

Head phone:8 - 600 Ω /15mW**8 local controls version:****3 local controls version:**

1. Servicing position

To facilitate troubleshooting and repairing the set, the chassis can, after disconnection of the degaussing coil, be pulled out of the cabinet, turned 180°, and placed behind it (see Fig. 5).

2. Flat square picture tube fixation.

Demounting the picture tube:

Loosen the nuts by turning them with a box spanner hexagon (10 mm) **clockwise**, (see Fig. 6).

Mounting the picture tube:

Turn the spindles **counterclockwise** into the mask with a box spanner hexagon (4 mm).

Locate the picture tube in the mask. The easiest way is placing the cabinet with the front facing down.

Position the picture tube in the middle of the mask.

Turn the spindles **clockwise** until the nut can be fixed onto the spindle.

Turn the nut **counterclockwise** finger-tight against the picture tube fixation.

Turn the spindle **clockwise** until the whole has been fixed tightly (the nut must not turn any more).

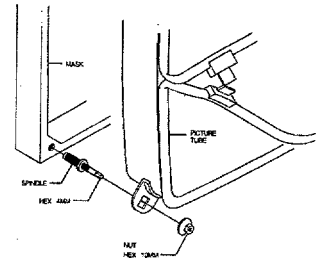


Fig. 6

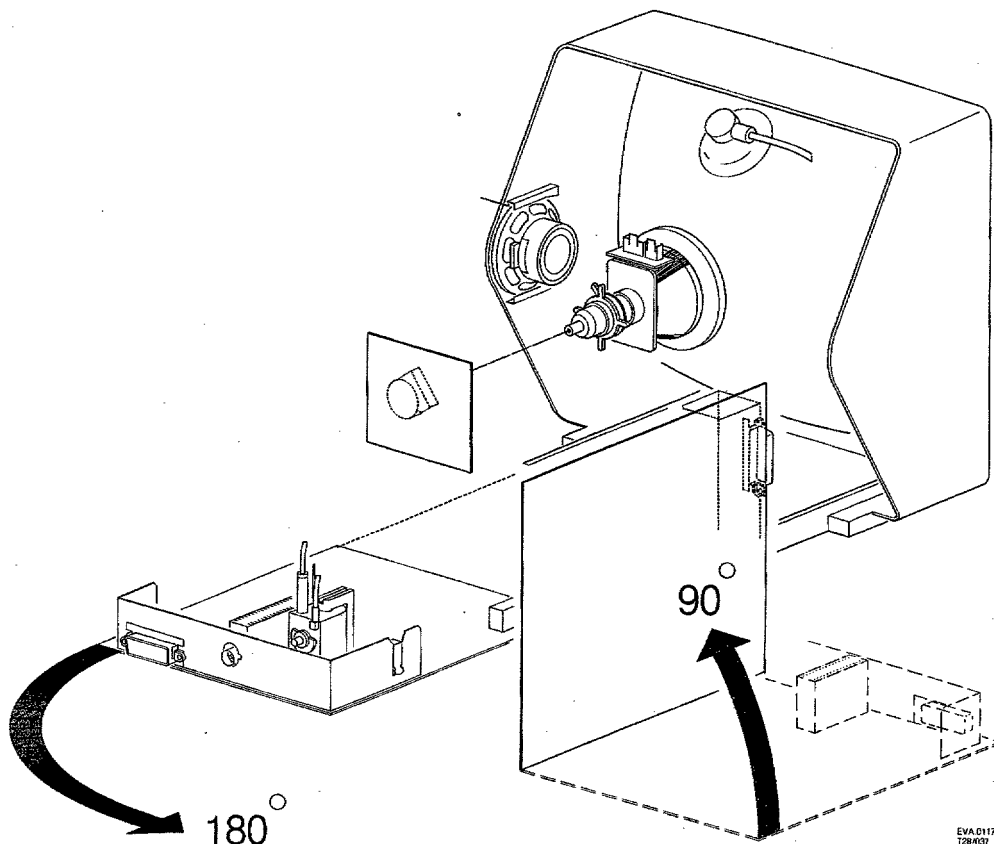
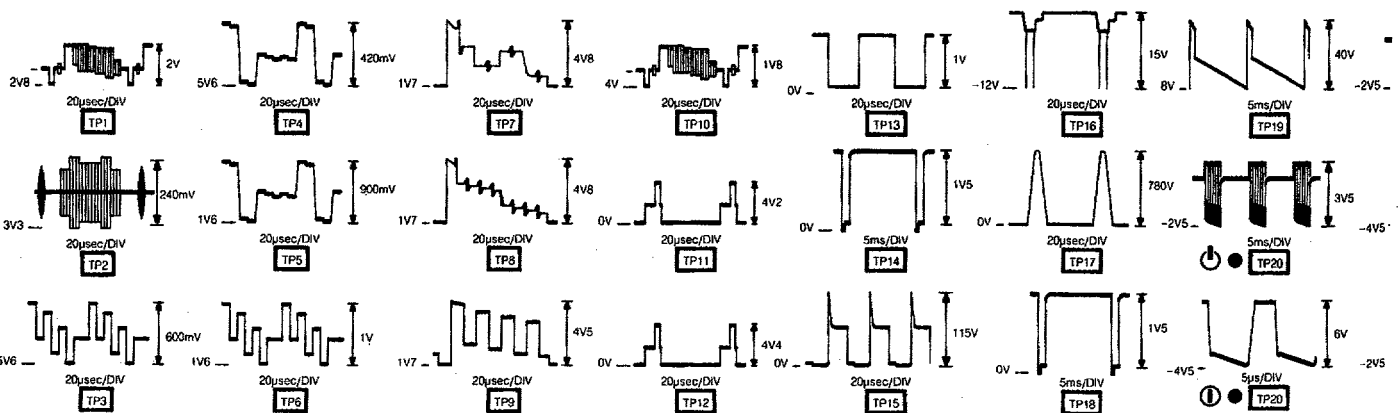
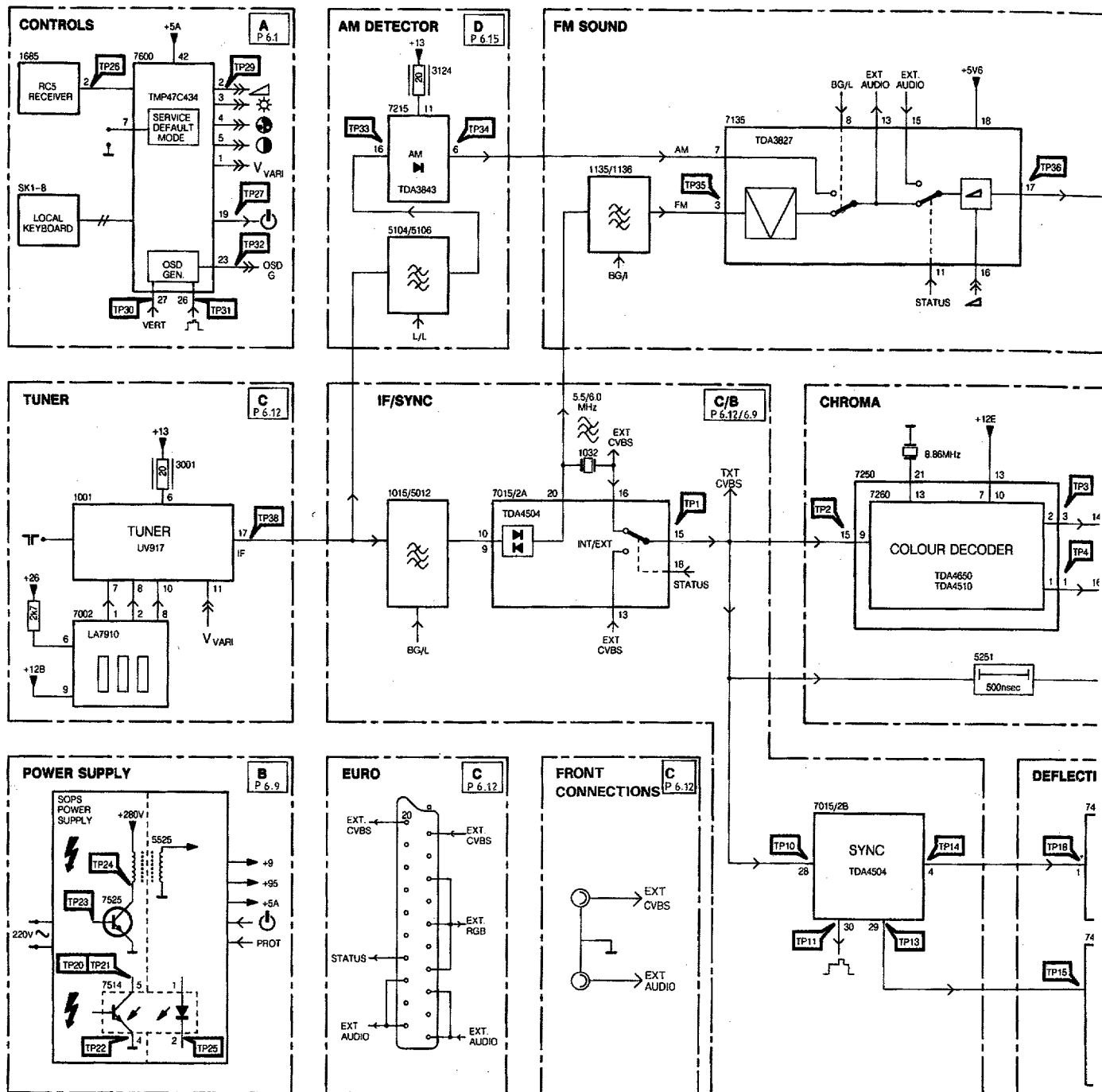
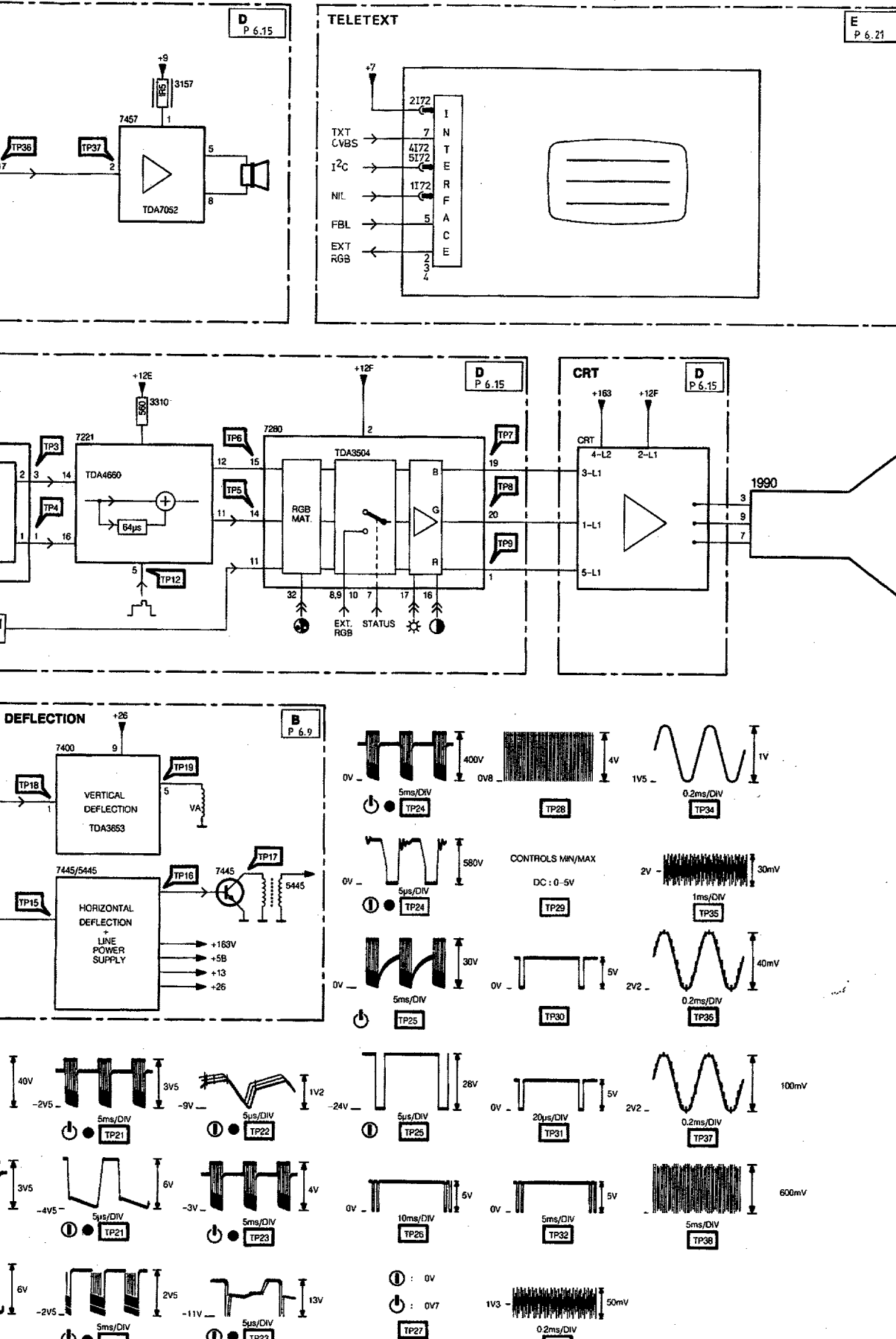
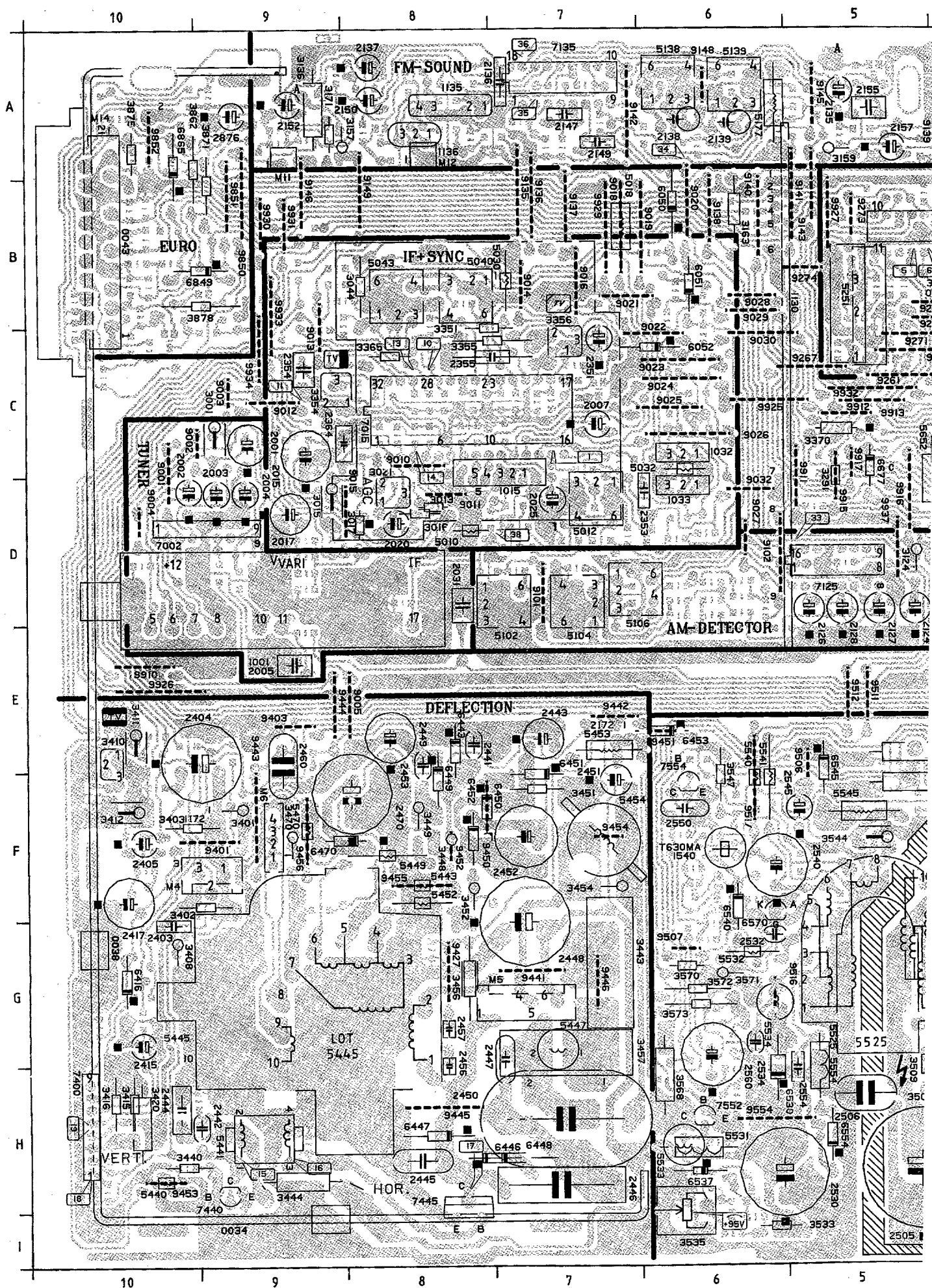
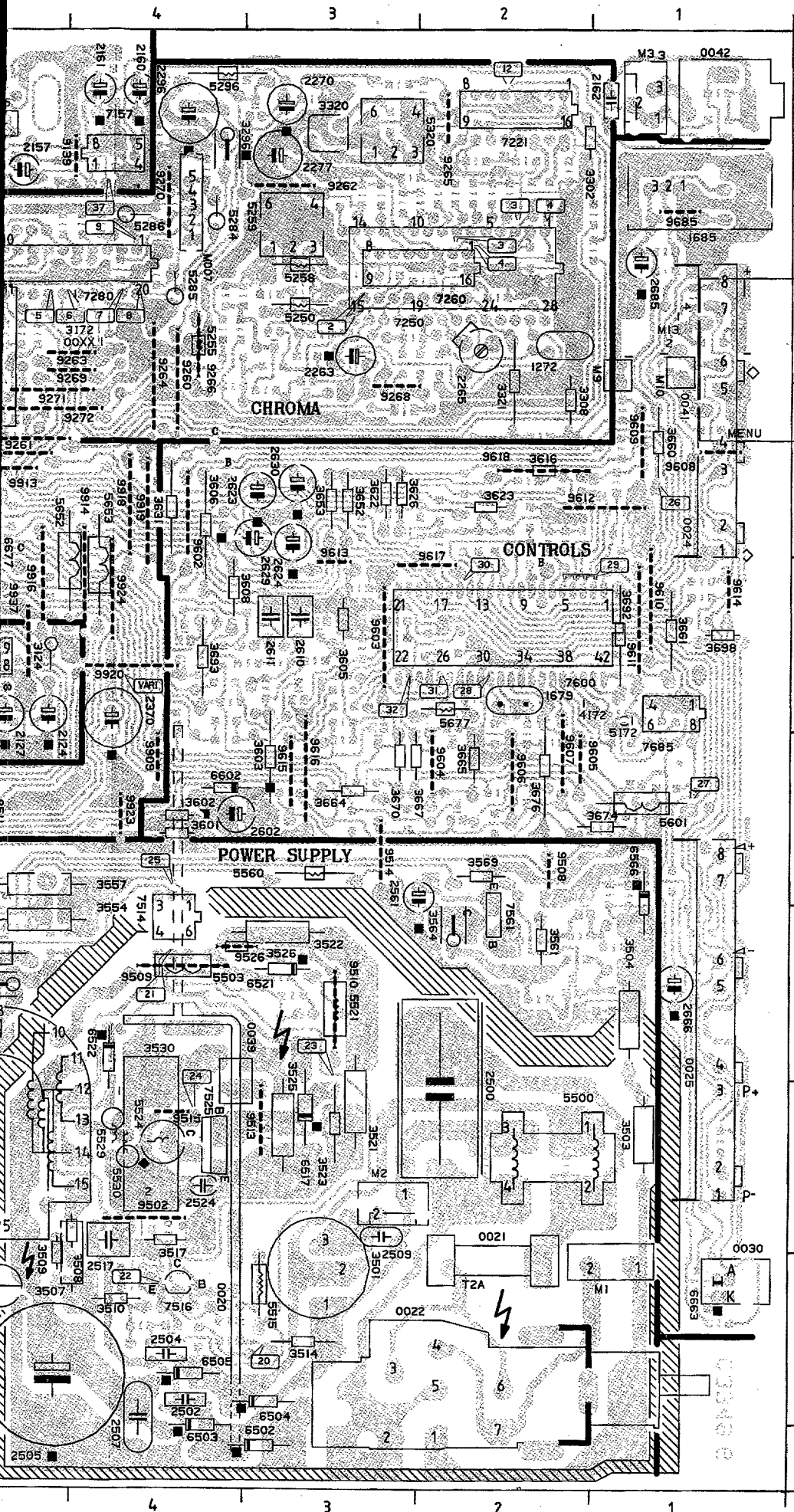


Fig. 5

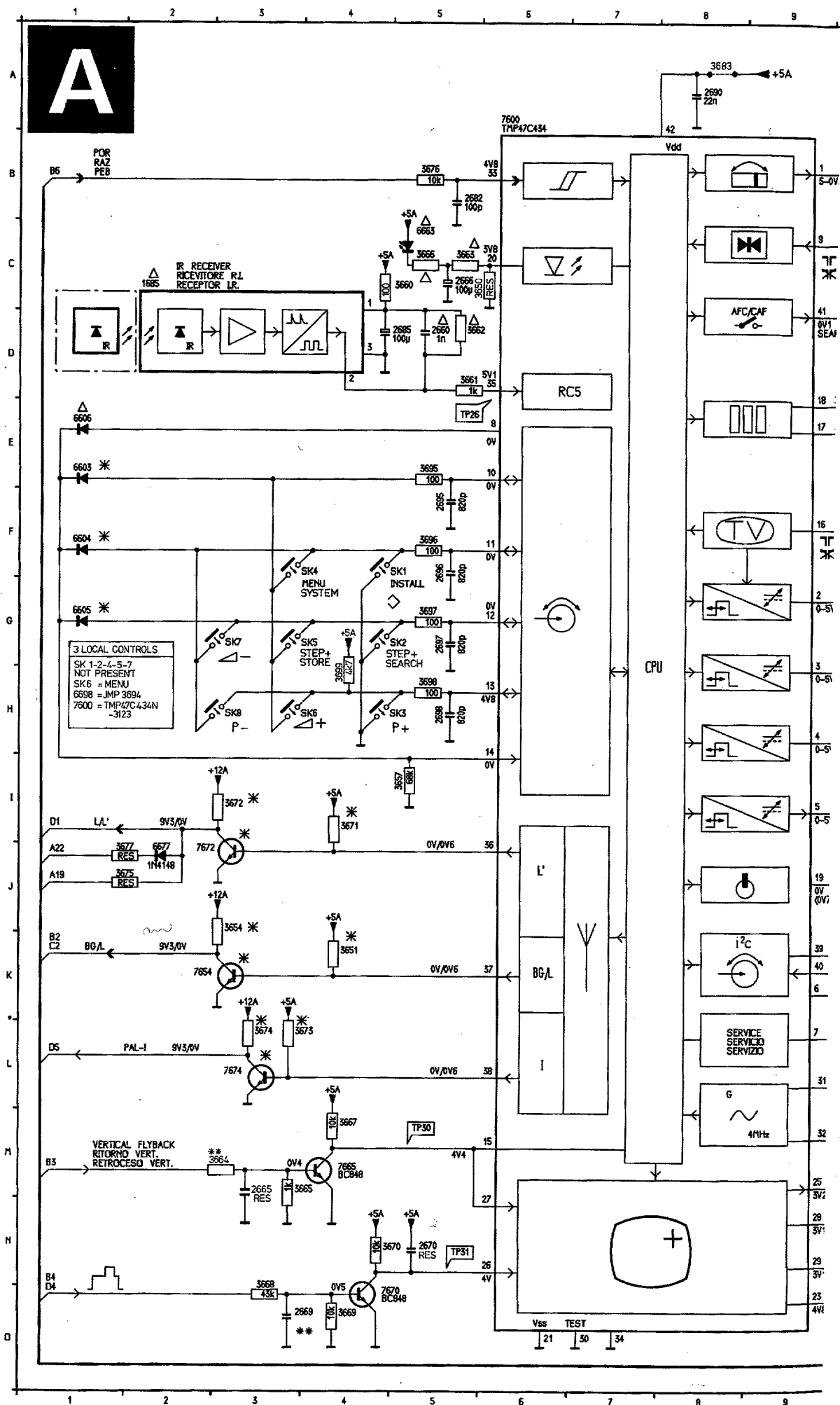




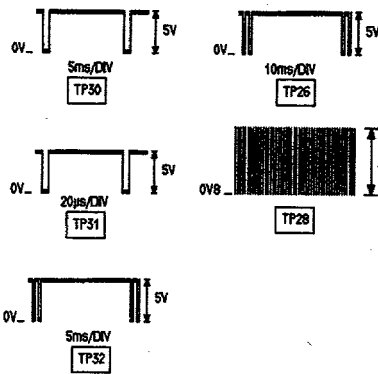
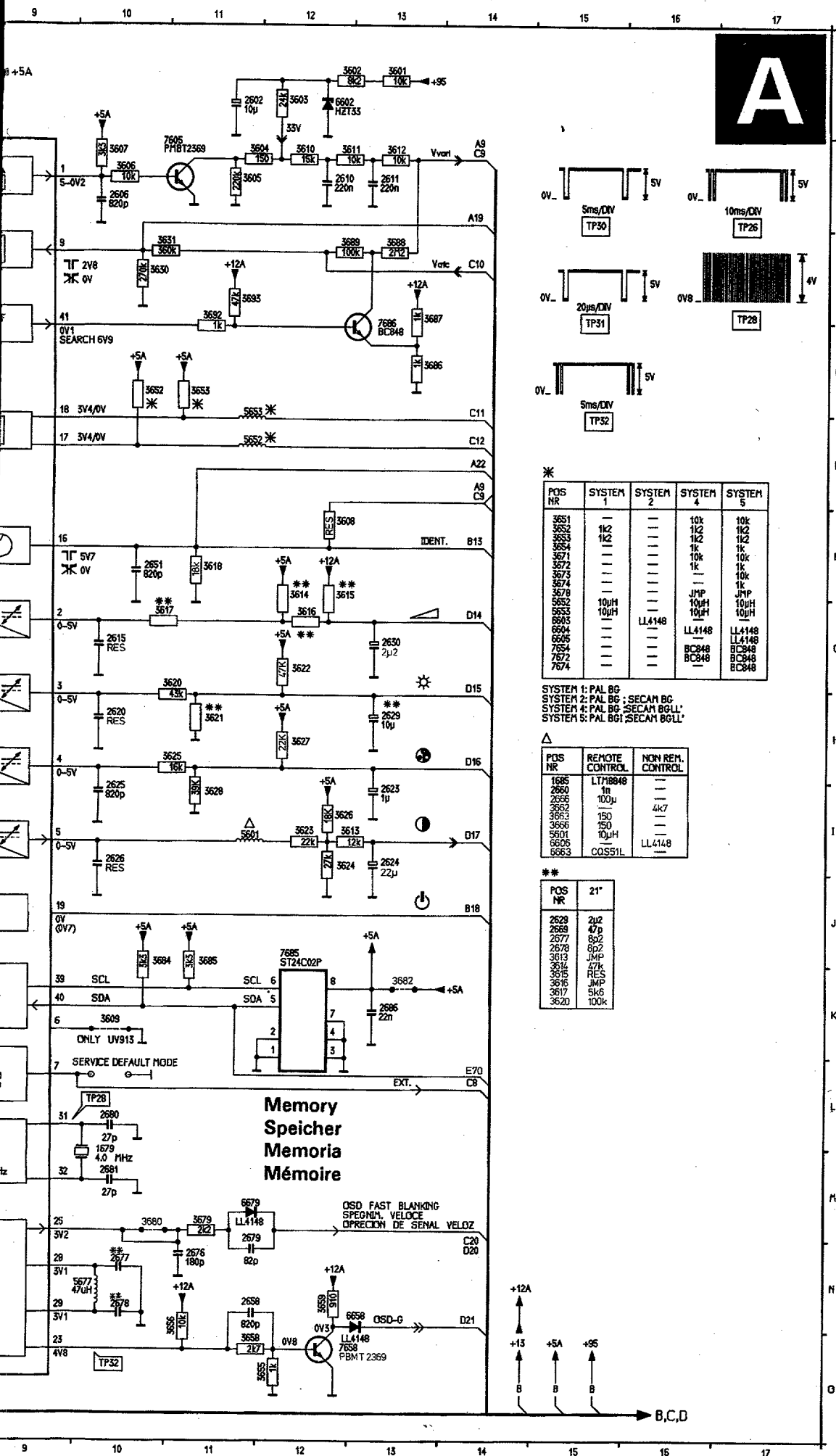




0021	H2	3013	D8	5040	B8	9011	D8	9914	D4
0022	I2	3015	D9	5043	B8	9012	C9	9915	D5
0024	C1	3016	D8	5102	D8	9013	B9	9916	D5
0025	G1	3017	D8	5104	D7	9014	B7	9917	C5
0041	C1	3021	D8	5106	D7	9015	D8	9918	C4
0042	A1	3044	B8	5138	A6	9016	B7	9919	C4
0043	C10	3124	D5	5139	A6	9018	B7	9920	D4
1001	D10	3136	A9	5177	A6	9019	B6	9923	E4
1015	C7	3157	A8	5250	B3	9020	B6	9924	D4
1032	C6	3159	A5	5251	C5	9021	B7	9925	C6
1033	D6	3163	B6	5255	B4	9022	C6	9926	E10
1135	A8	3171	A9	5258	B3	9023	C6	9927	B5
1136	A8	3291	D5	5259	B3	9024	C6	9929	B7
1272	B2	3296	A4	5284	B4	9025	C6	9930	B9
1540	F6	3302	A2	5285	B4	9026	C6	9931	B9
1679	D2	3308	C2	5286	B4	9027	D6	9932	C5
1685	A1	3320	A3	5296	A4	9028	B6	9933	B9
2001	C9	3321	C2	5320	A3	9029	B6	9934	C9
2002	D10	3351	C8	5440	H10	9030	C6	9937	D5
2003	D9	3354	C8	5441	H9	9032	D6	M1	H1
2004	D9	3355	C7	5443	F8	9101	D7	M2	G3
2005	E9	3356	C7	5445	G9	9102	D6	M3	A1
2007	C7	3365	C8	5447	G7	9135	B7	M4	F9
2015	C9	3370	C5	5449	F8	9136	B7	M5	G8
2017	D9	3401	F9	5452	F8	9137	B7	M6	F9
2020	D8	3402	F9	5453	E7	9138	B6	M7	A4
2025	D7	3403	F10	5454	F7	9139	A4	M9	B1
2031	D8	3408	G10	5470	F9	9140	B6	M10	B1
2124	D5	3410	E10	5500	G1	9141	B5	M11	A9
2126	D5	3411	E10	5503	F4	9142	A7	M12	A8
2127	D5	3412	F10	5515	H3	9143	B5	M13	B1
2128	D5	3415	H10	5521	F3	9145	A5	M14	A10
2135	A5	3416	H10	5524	G4	9146	B9	TP1	C7
2137	A8	3420	H10	5525	G5	9148	A6	TP2	B3
2138	A6	3440	H10	5529	G4	9149	B8	TP3	B2
2139	A6	3443	G7	5530	G4	9260	B4	TP4	B2
2147	A7	3444	H9	5531	H6	9261	C5	TP5	B5
2149	A7	3448	F8	5532	G6	9262	A3	TP6	B5
2150	A8	3449	F8	5533	H6	9263	B4	TP7	B4
2152	A9	3451	F7	5534	G6	9264	B4	TP8	B4
2155	A5	3452	F8	5540	F6	9265	A2	TP9	B4
2157	A5	3454	F7	5541	F6	9266	B4	TP10	C8
2160	A4	3456	G8	5545	F5	9267	C5	TP11	C9
2161	A4	3457	G7	5554	H5	9268	C3	TP12	A2
2162	A1	3470	F9	5560	E3	9269	B4	TP13	C8
2263	B3	3501	H3	5601	E1	9270	A4	TP14	C8
2265	B2	3503	G1	5652	D5	9271	C5	TP15	H9
2270	A3	3504	F1	5653	D4	9272	C5	TP16	H8
2277	A3	3507	H4	5677	D2	9273	B5	TP17	H8
2296	A4	3508	G4	6050	B6	9274	B5	TP18	H10
2351	C7	3509	H5	6051	B6	9401	F9	TP19	H10
2353	D6	3510	H4	6052	C6	9403	E9	TP20	H3
2354	C9	3514	H3	6416	G10	9427	G8	TP21	F4
2355	C7	3517	G4	6443	E8	9441	G7	TP22	H4
2364	C8	3521	G3	6446	H8	9442	E7	TP23	F3
2370	D4	3522	F3	6447	H8	9443	F9	TP24	G4
2403	G10	3523	G3	6448	H7	9444	E9	TP25	E4
2404	E9	3525	G3	6449	F8	9445	H8	TP26	C1
2405	F10	3526	F4	6450	F8	9446	G7	TP27	E1
2415	G10	3530	G4	6451	F7	9450	F8	TP28	D2
2417	F10	3533	I6	6452	F8	9451	E8	TP29	D2
2441	E8	3535	I6	6453	E6	9452	F8	TP30	D2
2442	H9	3544	F5	6470	F8	9453	H10	TP31	D2
2443	E7	3547	F6	6502	I3	9454	F7	TP32	D3
2444	H10	3554	F5	6503	I4	9455	F8	TP33	A6
2445	H8	3557	E5	6504	H3	9456	F9	TP35	A7
2446	H7	3561	F2	6505	H4	9502	G4	TP36	A7
2447	G7	3564	F2	6517	G3	9506	E5	TP37	B4
2448	G7	3568	H6	6521	F3	9507	G6		
2449	E8	3569	E2	6522	F4	9508	E2		
2450	H7	3570	G6	6530	H6	9509	F4		
2451	F7	3571	G6	6537	H6	9510	F3		
2452	F7	3572	G6	6540	F6	9511	E5		
2453	E8	3573	G6	6545	E5	9512	E5		
2456	H8	3601	E4	6554	H5	9513	G3		
2457	G8	3602	E4	6566	E1	9514	E3		
2460	E9	3603	E3	6570	F6	9515	G4		
2470	F8	3605	D3	6602	E4	9516	G6		
2500	G2	3606	C4	6663	H1	9517	F6		
2502	H4	3608	D4	6677	C5	9526	F4		
2504	H4	3616	C2	6849	B9	9554	H6		
2505	H5	3622	C3	6865	A10	9602	C4		
2506	H5	3623	C2	7002	D10	9603	D3		
2507	H4	3626	C3	7015	C8	9604	E2		
2509	G3	3631	C4	7125	D5	9605	E2		
2517	G4	3652	C3	7135	A7	9606	E2		
2524	G4	3653	C3	7157	A4	9607	E2		
2530	H6	3660	C1	7221	A2	9608	C1		
2532	G6	3661	D1	7250	B2	9609	C1		
2534	G6	3664	E3	7280	B4	9610	D1		
2540	F6	3665	E2	7400	H10	9611	D1		
2545	F5	3667	E3	7440	H9	9612	C1		
2550	F6	3670	E3	7445	I8	9613	D3		
2554	H5	3674	E1	7514	E4	9614	D1		
2560	G6	3676	E2	7516	H4	9615	E3		
2561	E2	3692	D1	7525	G4	9616	E3		
2602	E4	3693	D4	7552	H6	9617	D2		
2610	D3	3698	D1	7554	F6	9618	C2		
2611	D3	3862	A10	7661	E2	9685	B1		
2623	C3	3871	B9	7600	D1	9850	B9		
2624	C3	3875	A10	7685	D1	9851	B9		
2629	C3	3878	B9	9001	C10	9852	A10		
2630	C3	5010	D8	9002	C9	9909	E4		
2666	F1	5012	D7	9003	C9	9910	E10		
2685	B1	5018	B7	9004	D10	9911	D5		
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3001	C9	5032	C6	9010	C8	9913	C5		



6.2 ANUBIS A



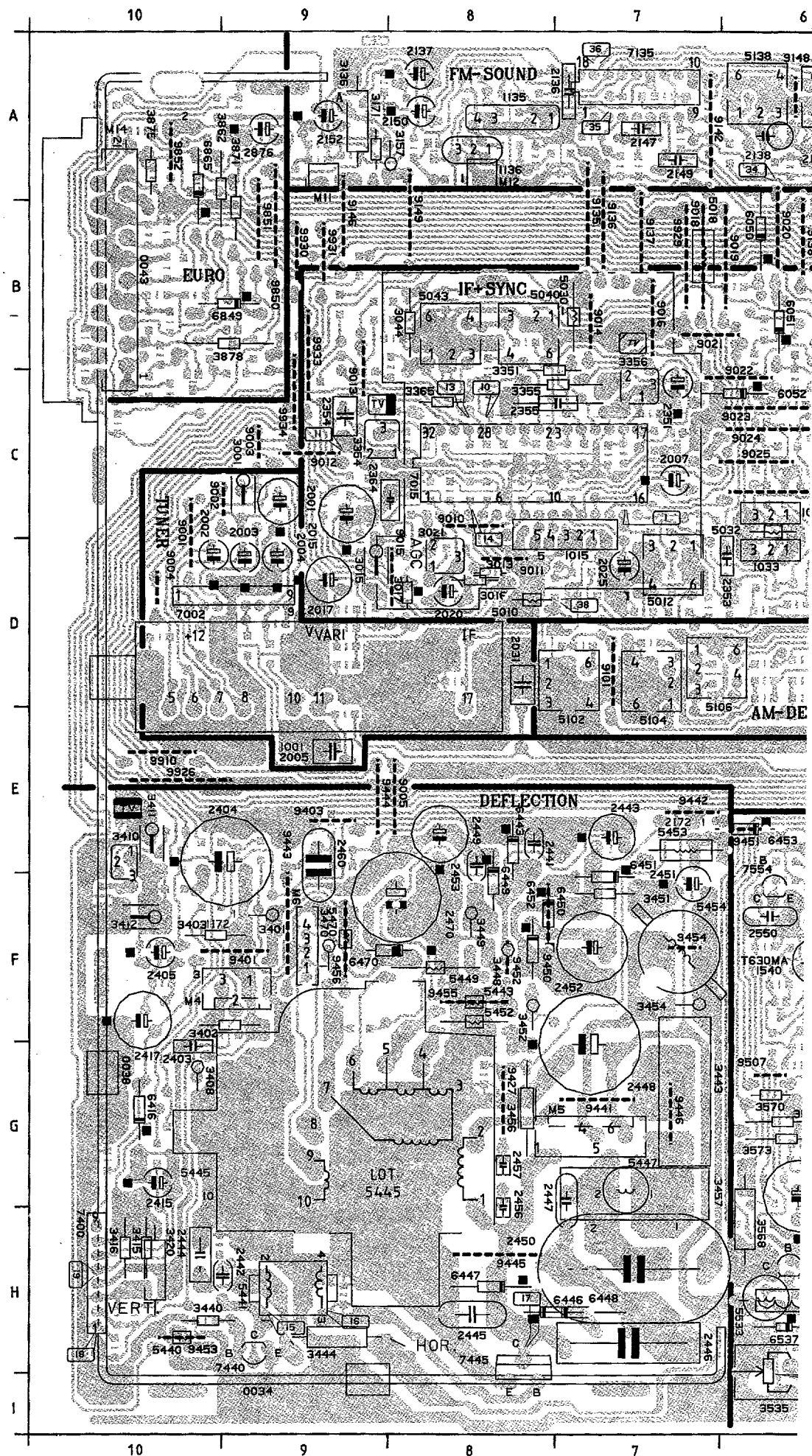
POS NR	SYSTEM 1	SYSTEM 2	SYSTEM 4	SYSTEM 5
3551	---	---	---	---
3552	1k2	---	10k	10k
3553	1k2	---	1k2	1k2
3554	---	---	1k	1k
3571	---	---	10k	10k
3572	---	---	1k	1k
3573	---	---	---	10k
3574	---	---	---	1k
3578	---	---	JMP	JMP
3582	10µH	---	10µH	10µH
3583	10µH	---	10µH	10µH
6603	---	LL4148	---	---
6604	---	---	LL4148	---
6605	---	---	LL4148	---
7554	---	---	BC948	BC948
7572	---	---	BC948	BC948
7574	---	---	---	---

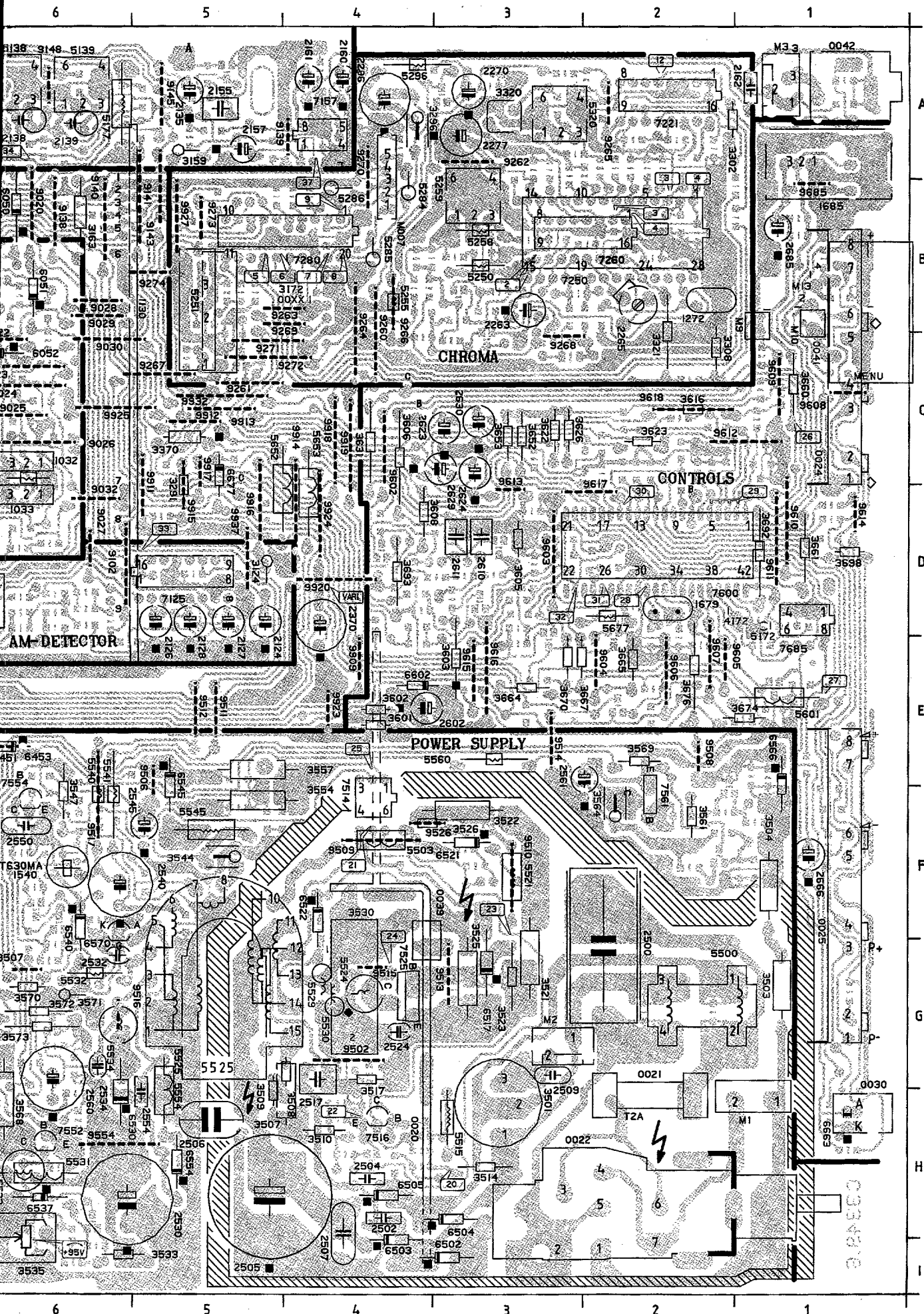
SYSTEM 1: PAL BG
SYSTEM 2: PAL BG ; SECAM BG
SYSTEM 4: PAL BG ; SECAM BG LL
SYSTEM 5: PAL BG ; SECAM BG LL

POS NR	REMOTE CONTROL	NON REM. CONTROL
1685	LTH8948	---
2660	1n	---
2656	100µ	---
2657	---	4k7
2658	150	---
3666	150	---
5001	10µH	---
5606	---	LL4148
5663	CQS51L	---

POS NR	21"
2628	2µ2
2658	47p
2677	8µ2
2678	8µ2
3613	JMP
3614	47k
3615	RES
3616	JMP
3617	5k6
3620	100k

SK1	F4	3688	C13
SK2	G4	3689	C12
SK3	H4	3690	C5
SK4	F3	3692	C11
SK5	G3	3693	C11
SK6	H3	3695	E5
SK7	G3	3696	F5
SK8	H3	3697	G5
1679	M10	3698	H5
1685	C2	3699	H4
2602	A11	4MHz	M9
2606	B10	5601	I11
2610	B12	5652	E11
2611	B13	5653	E11
2615	G10	5677	N10
2620	H10	6602	A12
2623	I13	6603	E1
2624	I13	6604	F1
2625	I10	6605	G1
2626	I10	6606	E1
2629	H13	6658	N13
2630	G13	6663	C5
2651	F10	6677	J2
2658	N11	6679	M11
2660	D5	7600	A6
2665	N3	7605	B10
2666	C5	7654	K2
2669	O3	7658	O12
2670	N5	7665	M4
2676	N11	7670	O4
2677	N10	7672	J3
2678	N10	7674	J12
2679	N11	7685	J12
2680	L10	7686	D13
2681	M10		
2682	B5		
2685	D4		
2686	K13		
2690	A8		
2695	F5		
2696	F5		
2697	G5		
2698	H5		
3601	A13		
3602	A12		
3603	A12		
3604	B11		
3605	B11		
3606	B10		
3607	B10		
3608	F12		
3609	K10		
3610	B12		
3611	B12		
3612	B13		
3613	I13		
3614	F12		
3615	F12		
3616	G12		
3617	G10		
3618	F11		
3620	G11		
3621	H11		
3622	G12		
3623	I12		
3624	I12		
3625	H11		
3626	I12		
3627	H12		
3628	I11		
3630	C10		
3631	C10		
3651	K4		
3652	D10		
3653	D11		
3654	J3		
3655	O12		
3656	N11		
3657	I5		
3658	O11		
3659	N12		
3660	C5		
3661	D5		
3662	D5		
3663	C5		
3664	M3		
3665	M3		
3666	C5		
3667	M4		
3668	O3		
3669	O4		
3670	N4		
3671	I4		
3672	I3		
3673	L3		
3674	L3		
3675	L3		
3676	B5		
3677	J2		
3679	M11		
3680	M10		
3682	K13		
3683	A8		
3684	J10		
3685	J11		
3686	D13		
3687	C13		



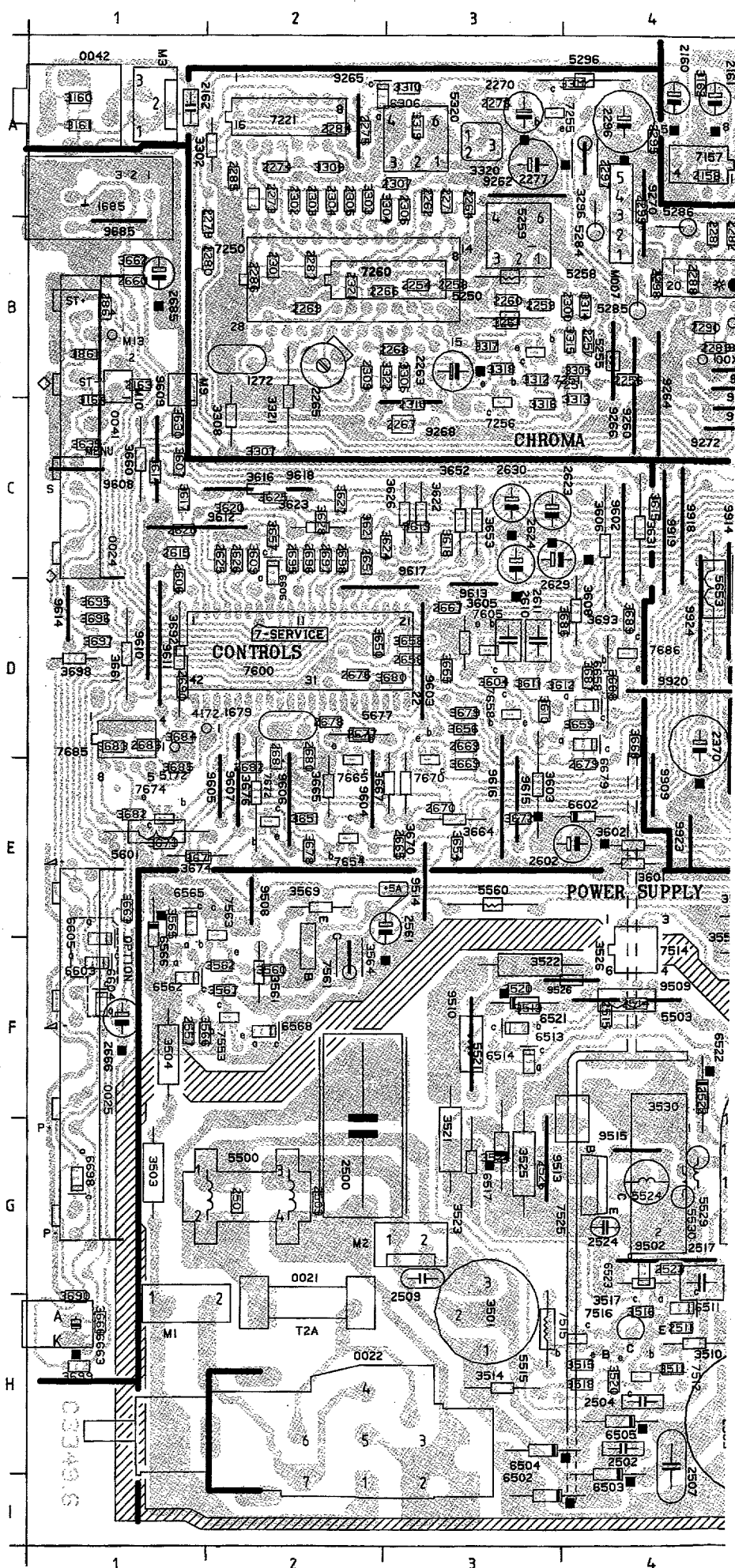


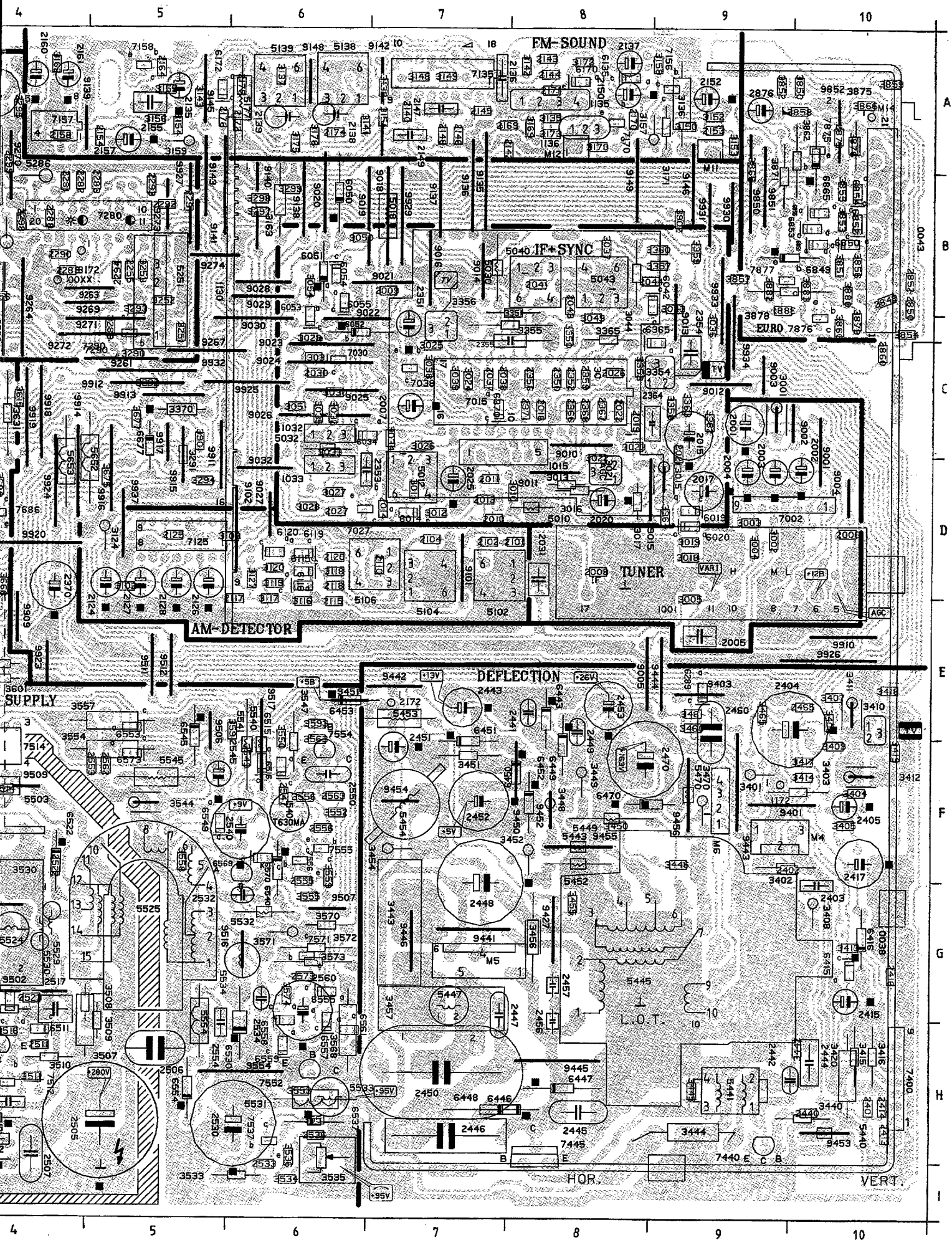
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0022 I2	3015 D9	5043 B8	9012 C9	9915 D5
0024 C1	3016 D8	5102 D8	9013 B9	9916 D5
0025 G1	3017 D8	5104 D7	9014 B7	9917 C5
0041 C1	3021 D8	5106 D7	9015 D8	9918 C4
0042 A1	3044 B8	5138 A6	9016 B7	9919 C4
0043 C10	3124 D5	5139 A6	9018 B7	9920 D4
1001 D10	3136 A9	5177 A6	9019 B6	9923 E4
1015 C7	3157 A8	5250 B3	9020 B6	9924 D4
1032 C6	3159 A5	5251 C5	9021 B7	9925 C6
1033 D6	3163 B6	5255 B4	9022 C6	9926 E10
1135 A8	3171 A9	5258 B3	9023 C6	9927 B5
1136 A8	3291 D5	5259 B3	9024 C6	9929 B7
1272 B2	3296 A4	5284 B4	9025 C6	9930 B9
1540 F6	3302 A2	5285 B4	9026 C6	9931 B9
1679 D2	3308 C2	5286 B4	9027 D6	9932 C5
1685 A1	3320 A3	5296 A4	9028 B6	9933 B9
2001 C9	3321 C2	5320 A3	9029 B6	9934 C9
2002 D10	3351 C8	5440 H10	9030 C6	9937 D5
2003 D9	3354 C8	5441 H9	9032 D6	M1 H1
2004 D9	3355 C7	5443 F8	9101 D7	M2 G3
2005 E9	3356 C7	5445 G9	9102 D6	M3 A1
2007 C7	3365 C8	5447 G7	9135 B7	M4 F9
2015 C9	3370 C5	5449 F8	9136 B7	M5 G8
2017 D9	3401 F9	5452 F8	9137 B7	M6 F9
2020 D8	3402 F9	5453 E7	9138 B6	M7 A4
2025 D7	3403 F10	5454 F7	9139 A4	M9 B1
2031 D8	3408 G10	5470 F9	9140 B8	M10 B1
2124 D5	3410 E10	5500 G1	9141 B5	M11 A9
2126 D5	3411 E10	5503 F4	9142 A7	M12 A8
2127 D5	3412 F10	5515 H3	9143 B5	M13 B1
2128 D5	3415 H10	5521 F3	9145 A5	M14 A10
2135 A5	3416 H10	5524 G4	9146 B9	TP1 C7
2137 A8	3420 H10	5525 G5	9148 A6	TP2 B3
2138 A6	3440 H10	5529 G4	9149 B8	TP3 B2
2139 A6	3443 G7	5530 G4	9260 B4	TP4 B2
2147 A7	3444 H9	5531 H6	9261 C5	TP5 B5
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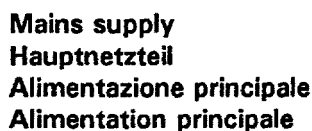
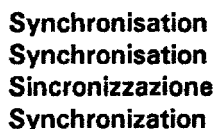
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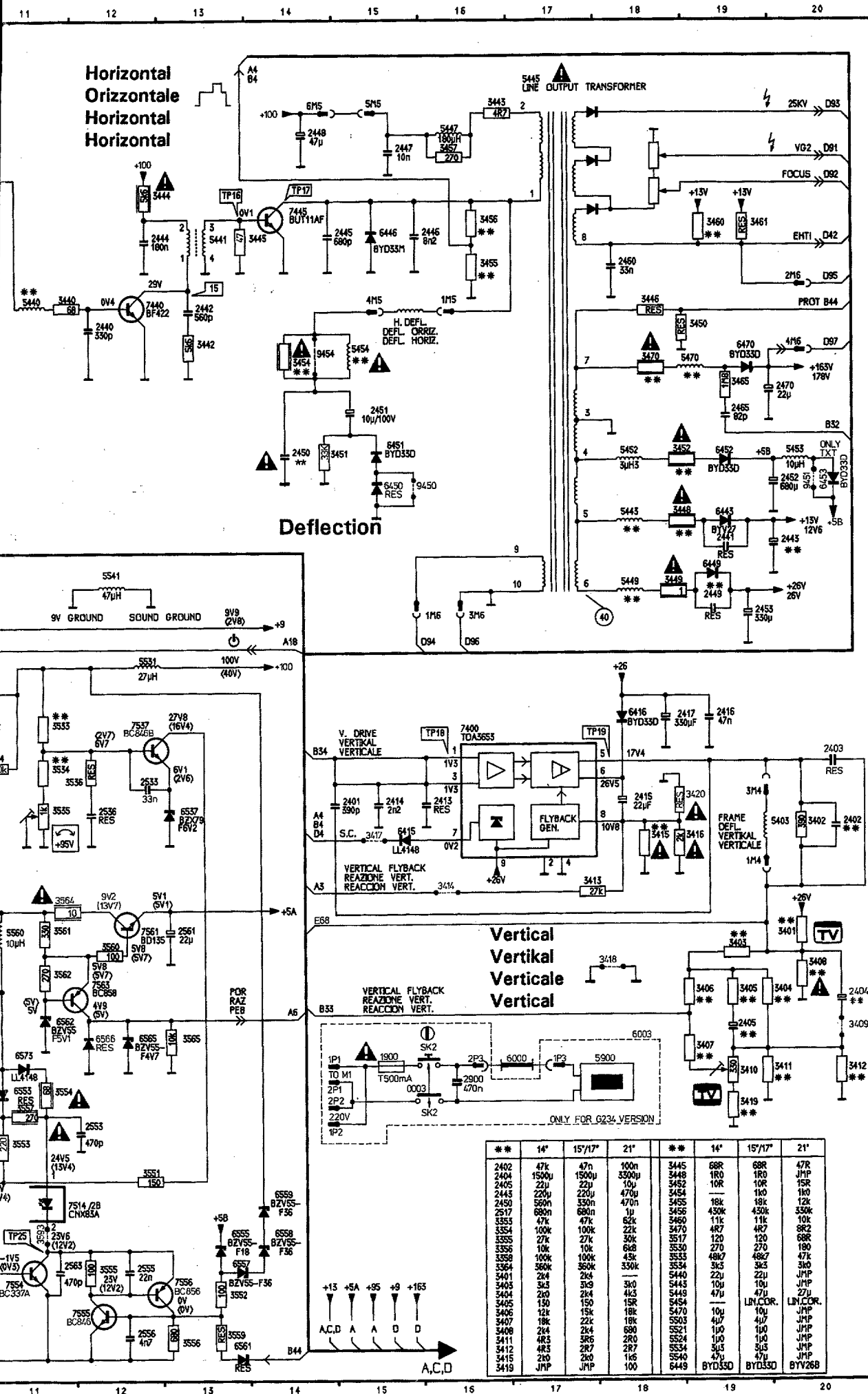
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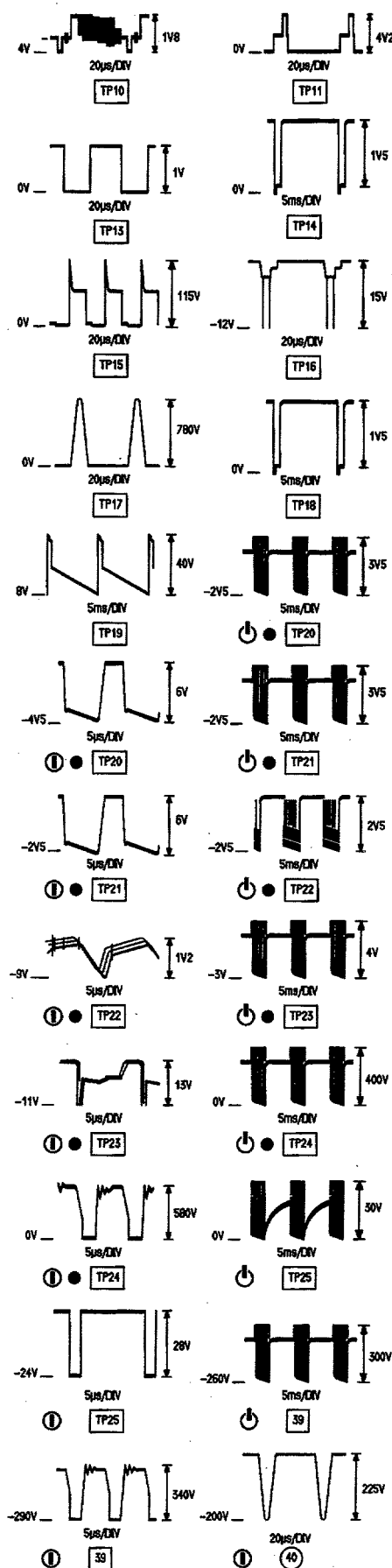


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2556 O12 341
2557 L8 341
2560 K8 341
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2900 L16 341
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3358 C10 341
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3404 K20 341

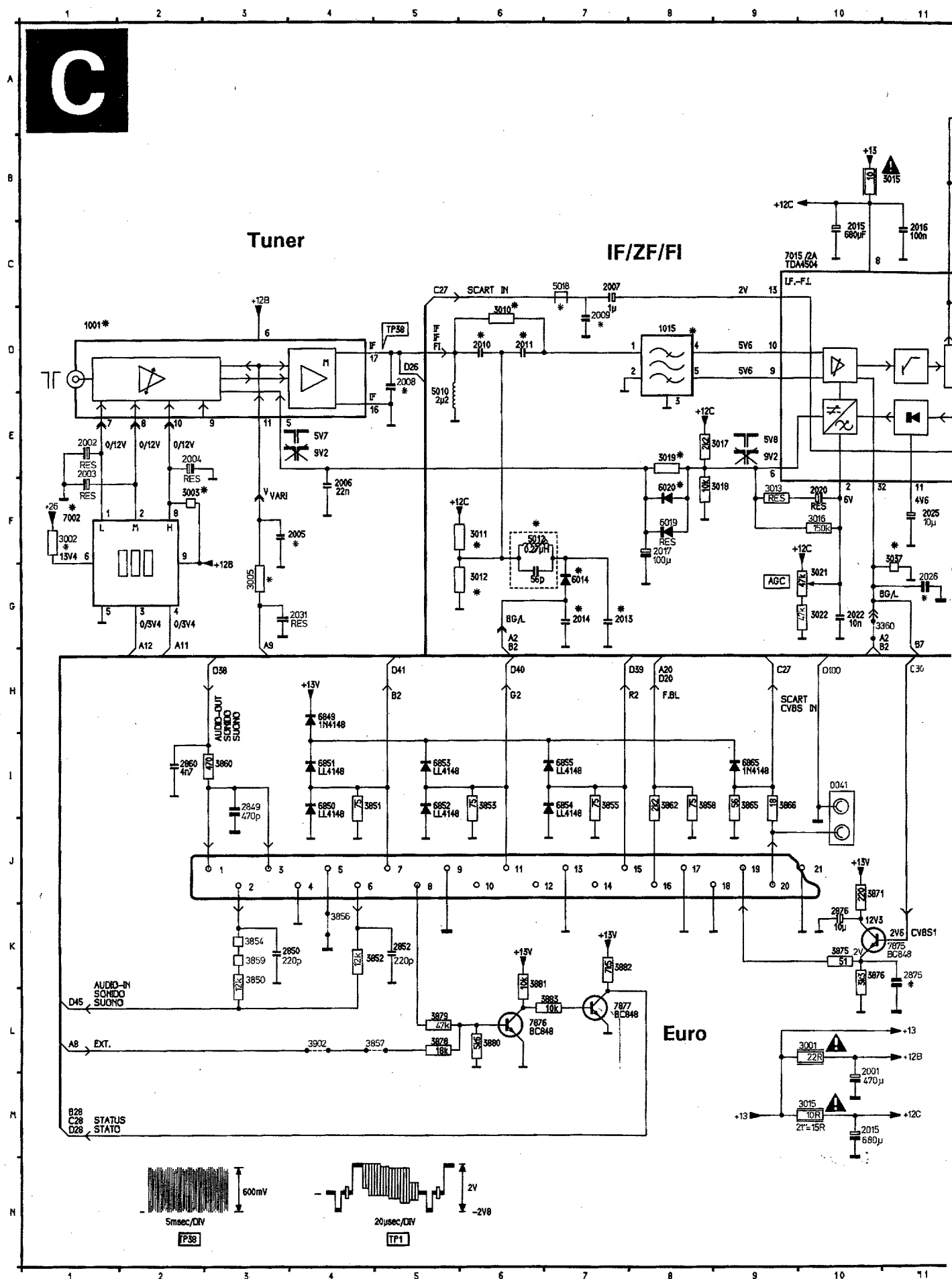
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1540 G9	3409 L20	5531 H12
1900 L15	3410 L19	5532 G8
2350 A6	3411 L20	5534 H8
2351 A5	3412 L20	5540 G10
2352 B3	3413 J17	5541 G12
2353 B2	3414 J16	5545 M9
2354 C9	3415 J18	5554 H8
2355 A7	3416 J19	5560 K11
2356 D3	3417 J15	5900 L18
2359 B9	3418 K18	6000 L17
2364 E7	3419 M19	6003 L18
2366 F9	3440 C11	6050 D2
2367 E7	3442 D13	6051 C2
2368 E9	3443 A16	6052 C2
2370 E5	3444 B13	6053 C2
2371 F5	3445 C14	6365 B2
2401 I15	3446 C18	6370 F6
2402 I20	3447 A16	6415 J15
2403 I20	3448 F19	6416 H18
2404 K20	3449 G18	6443 H19
2404 L20	3450 D19	6446 C15
2405 L19	3451 E15	6450 F15
2413 I16	3452 E19	6451 E15
2414 I15	3453 A15	6452 E19
2415 I18	3454 D14	6453 E20
2416 H19	3455 C16	6470 D19
2417 H19	3456 C16	6502 I6
2440 D12	3457 B16	6503 I6
2441 F19	3460 C19	6504 H6
2442 D13	3461 C19	6505 H6
2443 F20	3465 D19	6511 K2
2444 C13	3470 D18	6513 M2
2445 C15	3501 I4	6514 L2
2446 C16	3503 J1	6515 N9
2447 B15	3504 J1	6516 N9
2448 B14	3507 K1	6517 L4
2449 G19	3508 K1	6521 L6
2450 E14	3509 K1	6522 L1
2451 E15	3510 K1	6523 L5
2452 E20	3511 K2	6530 H9
2453 G19	3513 M1	6537 I13
2460 C18	3514 J3	6540 G9
2465 E19	3515 J4	6545 M9
2470 D20	3516 L4	6549 O9
2500 I2	3517 L4	6553 L11
2501 H3	3518 J4	6554 H9
2502 I5	3520 J4	6555 N13
2503 I3	3521 K5	6557 N13
2504 H5	3522 K6	6558 N14
2505 H7	3523 J5	6559 N14
2506 G7	3525 M1	6561 O13
2507 G7	3526 L6	6562 L11
2509 H4	3530 I7	6565 L12
2511 K1	3533 H11	6566 L12
2514 L3	3534 I11	6568 K10
2515 L4	3535 I11	6569 I9
2517 L5	3536 I12	6570 I9
2520 L6	3547 N9	6573 L11
2522 L1	3549 O9	7015 A3
2523 L5	3550 N9	7400 H16
2524 J7	3551 M12	7440 C12
2525 J6	3552 O13	7445 B14
2530 H9	3553 M11	7512 K3
2532 G9	3554 L11	7514 N11
2533 I12	3555 O12	7514 K3
2534 G9	3556 O13	7515 K4
2536 I12	3557 M11	7516 K4
2540 G10	3558 I8	7525 K6
2544 M8	3559 O13	7537 H12
2545 M9	3560 K12	7552 M10
2547 O9	3561 K11	7553 K10
2550 O10	3562 K11	7554 O11
2553 M12	3563 N10	7555 O12
2554 H9	3563 O10	7556 O13
2555 O12	3564 J11	7561 K12
2556 O12	3565 L13	7563 K12
2557 L8	3566 L9	7571 J10
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3350 A6	3593 N11	
3351 A5	5403 I20	
3353 C9	5440 C11	
3354 C10	5441 C13	
3355 A8	5443 F18	
3356 A8	5445 A17	
3357 B2	5447 A16	
3358 C10	5449 G18	
3359 B9	5452 E18	
3362 E10	5453 E20	
3364 F7	5454 D15	
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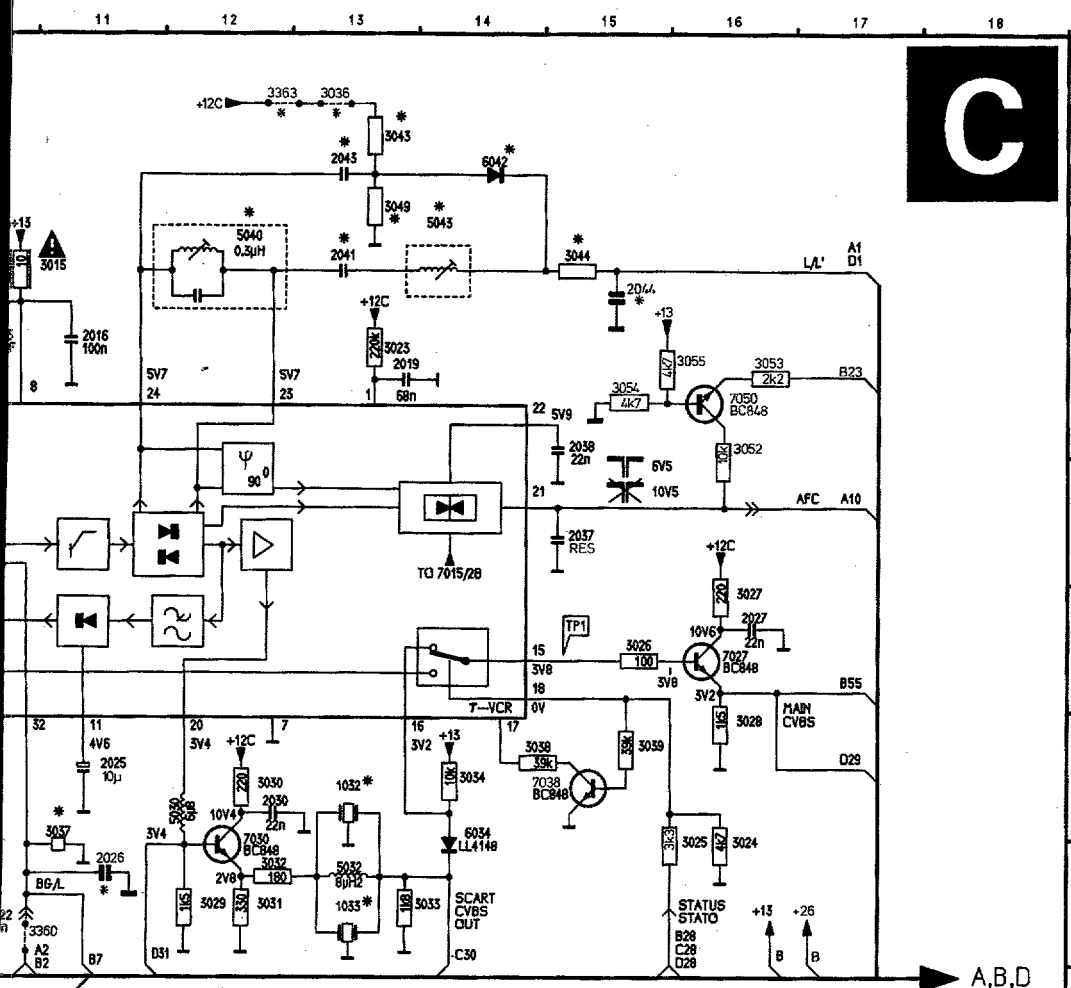


SOPS REPAIR KIT

SBC 7021
4822 310 20491

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6502	6523
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6514	

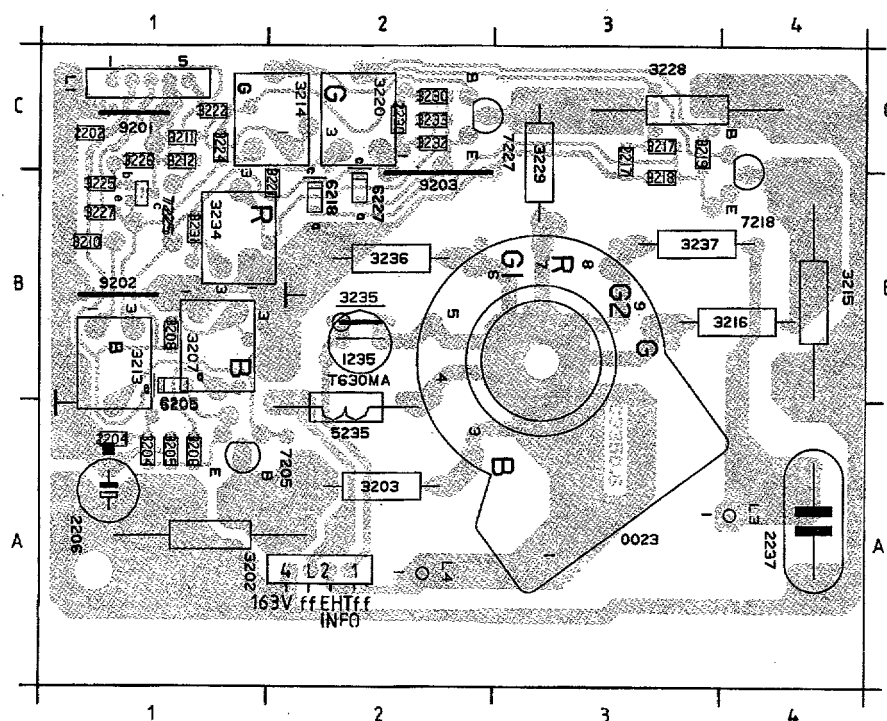




Source selection video
Bildquellenwahl
Selezione sorgenti dell' immagine
Sélection source image

XXX	PAL-B/G	PAL-B/G AMTSBL	PAL-I	PAL-SEC B/G-DK	PAL-SEC B/G-LL'	PAL-SEC I-B/G-LL'	F.MULTI HYP	PAL-B/G HYP
1001	UV917E	UV917E	U943	UV917E	UV917E	UV917E	UV917E	UV915
1015	OFWG1961M	OFWG1961M	OFWJ1951M	OFWK2950	OFWG3950	OFWG3950	OFWG3950	OFWG1961M
1032	5,5MHz	5,5MHz	6MHz	5,5MHz	5,5MHz	5,5MHz	5,5MHz	5,5MHz
1033	---	---	---	6,5MHz	6MHz	6MHz	6MHz	---
2005	470n	470n	---	470n	470n	470n	330n	330n
2008	---	5P6	---	---	---	---	---	---
2009	---	220p	---	---	---	---	---	---
2010	---	---	---	---	---	18p	---	---
2011	---	---	---	---	---	18p	---	---
2013	---	---	---	---	---	18p	---	---
2014	---	---	---	---	---	4n7	---	---
2026	---	---	---	---	---	22n	---	---
2041	---	---	---	---	---	4n7	---	---
2043	---	---	---	---	---	4n7	---	---
2044	---	---	---	---	---	4n7	---	---
2875	---	1n	---	---	---	---	---	---
3002	2k7	2k7	---	2k7	---	2k7	---	2k7
3003	---	---	---	---	---	---	---	---
3005	JMP	1K	JMP	JMP	---	JMP	---	JMP
3010	JMP	JMP	JMP	JMP	---	56R	---	JMP
3011	---	---	---	---	---	5k6	---	---
3012	---	---	---	---	---	5k6	---	---
3019	180	180	180	180	---	JMP	---	180
3036	---	---	---	---	---	---	---	---
3037	JMP	JMP	JMP	JMP	---	---	---	JMP
3043	---	---	---	---	---	10k	---	---
3044	---	---	---	---	---	10k	---	---
3049	---	---	---	---	---	68k	---	---
3363	---	---	---	---	---	JMP	---	---
5012	---	---	---	---	---	0,28uH	---	---
5018	---	YES	---	---	---	---	---	---
5040	0,19uH	0,19uH	0,19uH	0,19uH	---	0,30uH	---	0,19uH
5043	---	---	---	---	---	0,70uH	---	---
6014	---	---	---	---	---	BA682	---	---
6020	---	---	---	---	---	LLZ-C2V4	---	---
6042	---	---	---	---	---	BA682	---	---
7002	LA7910	LA7910	---	LA7910	---	LA7910	---	LA7910

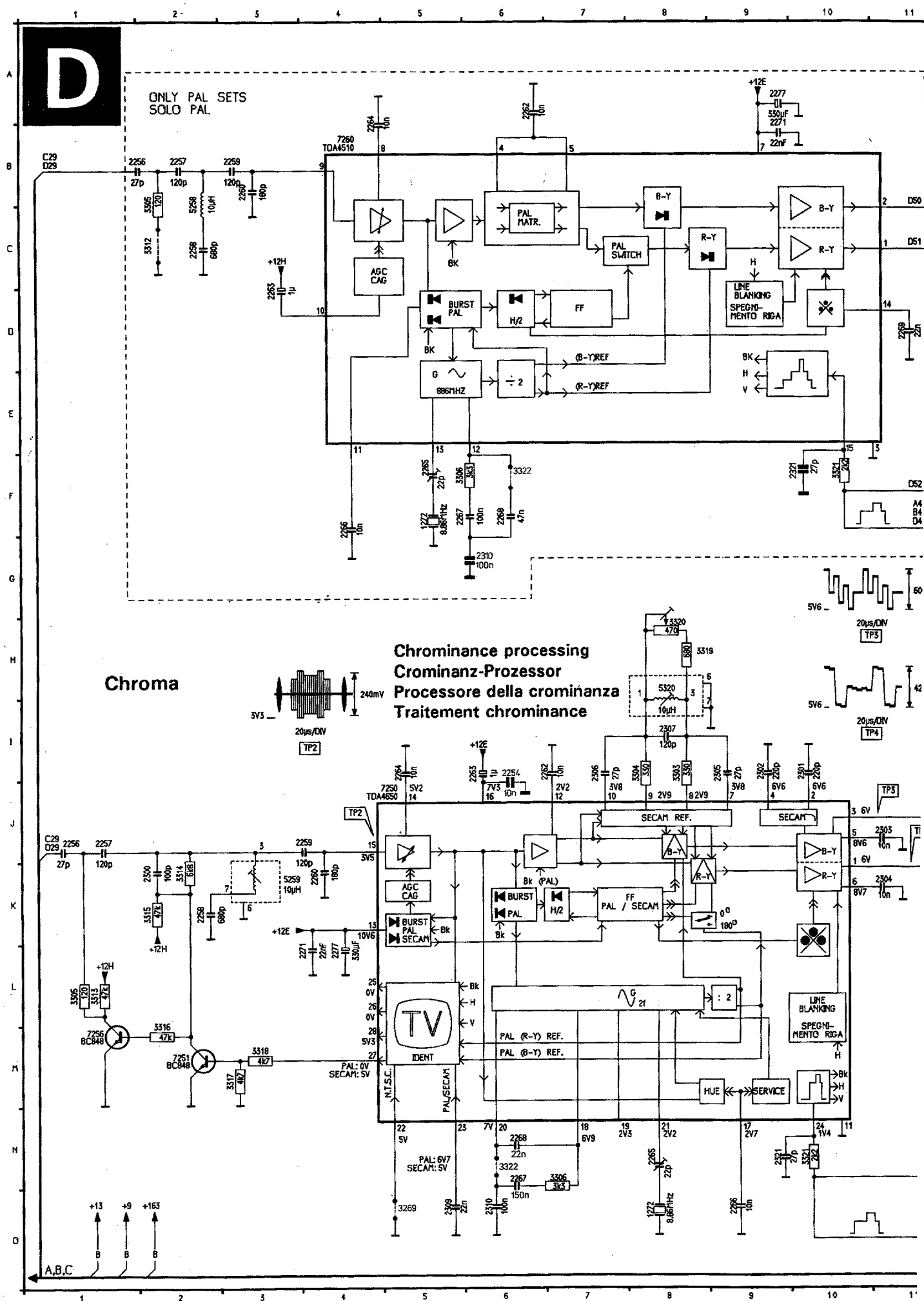
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1001 D1 3902 L4
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2001 M10 5030 F12
2001 C3 5032 G13
2002 E1 5040 B12
2003 F1 5043 B14
2004 E2 6014 G7
2005 F4 6019 F8
2006 F4 6020 F8
2007 C7 6034 F14
2008 D5 6042 A14
2009 D7 6849 H4
2010 D6 6850 I4
2011 D6 6851 I4
2012 E6 6852 I5
2013 G7 6853 I5
2014 G7 6854 I7
2015 M10 6855 I7
2015 C10 6865 I9
2016 C11 7002 F1
2017 F8 7015 C9
2018 G8 7027 E16
2019 C13 7030 E16
2020 F10 7038 F15
2022 G10 7039 F15
2025 F11 7050 C16
2026 G11 7875 K11
2027 E16 7876 L6
2030 F12 7877 L7
2031 G5
2037 D15
2038 C15
2041 B13
2043 A13
2044 B15
2850 K30
2852 K5
2860 I2
2876 K10
3001 L10
3001 C3
3002 F1
3002 G1
3003 F2
3005 G3
3010 D6
3011 F6
3012 G6
3013 F10
3013 F9
3015 B11
3015 M10
3016 F9
3016 F10
3017 E9
3018 F9
3019 E8
3021 G10
3022 G10
3023 C13
3024 G16
3025 G16
3026 E15
3027 E16
3028 F16
3029 G12
3030 F12
3031 G12
3032 G12
3033 G13
3034 F14
3036 A13
3037 F11
3038 F14
3039 F15
3043 A13
3044 B15
3049 B13
3052 D16
3053 C16
3054 C15
3055 C15
3360 G10
3363 A12
3850 K3
3851 I4
3852 K5
3853 I6
3855 I7
3856 K4
3857 L4
3858 I8
3860 I3
3862 I8
3865 I9
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3875 K10
3876 K10
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3879 L5
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3881 L6
3882 K7

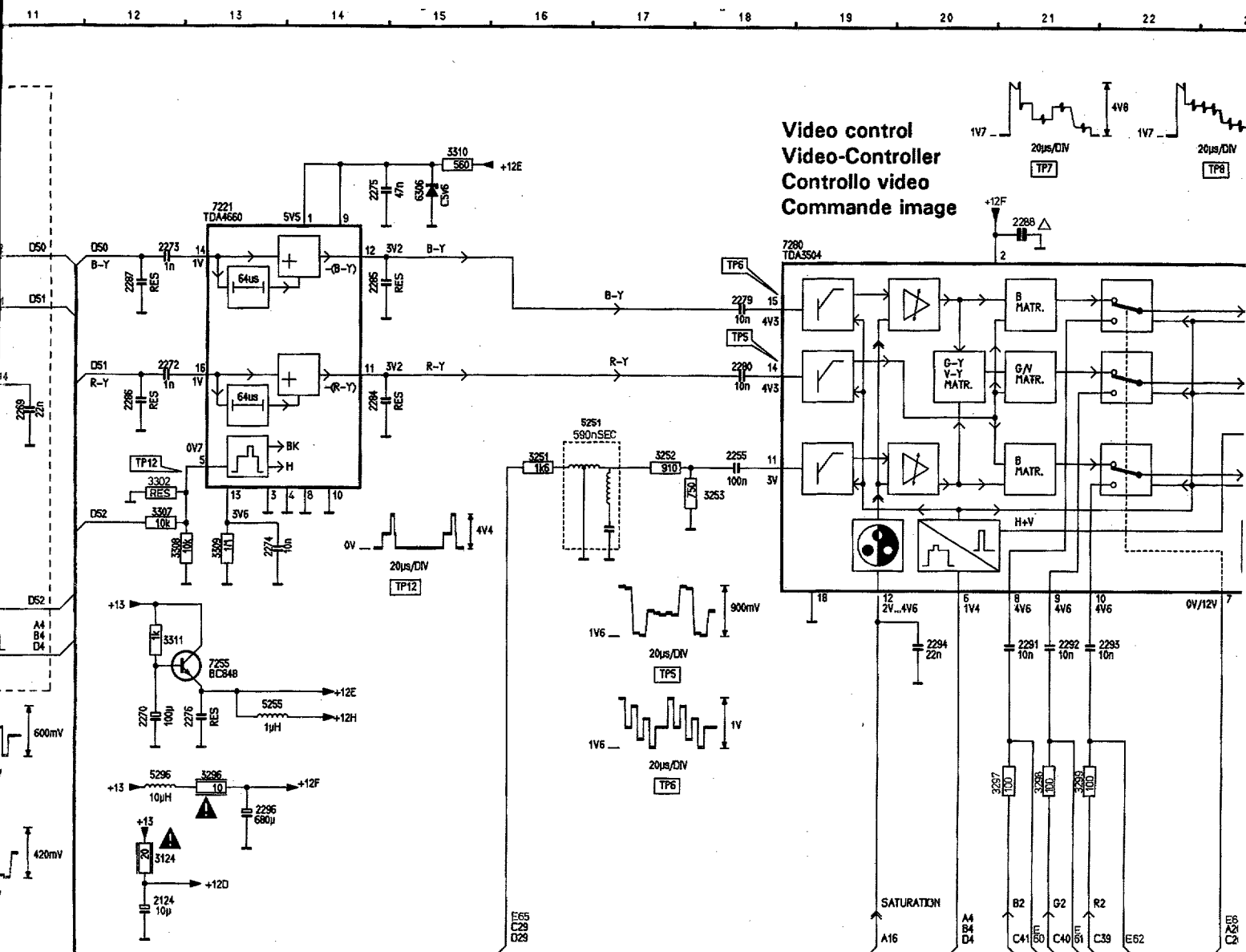


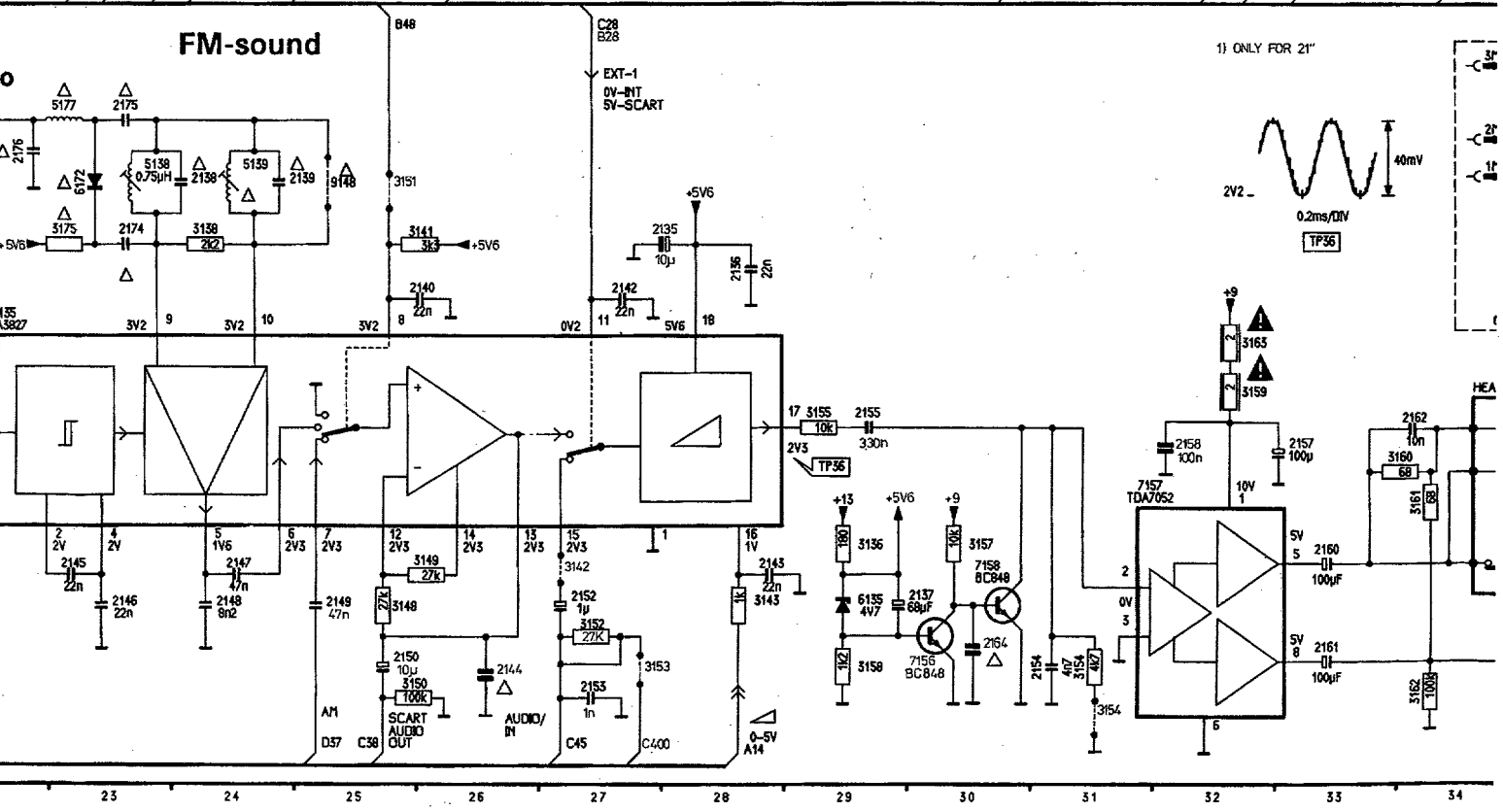
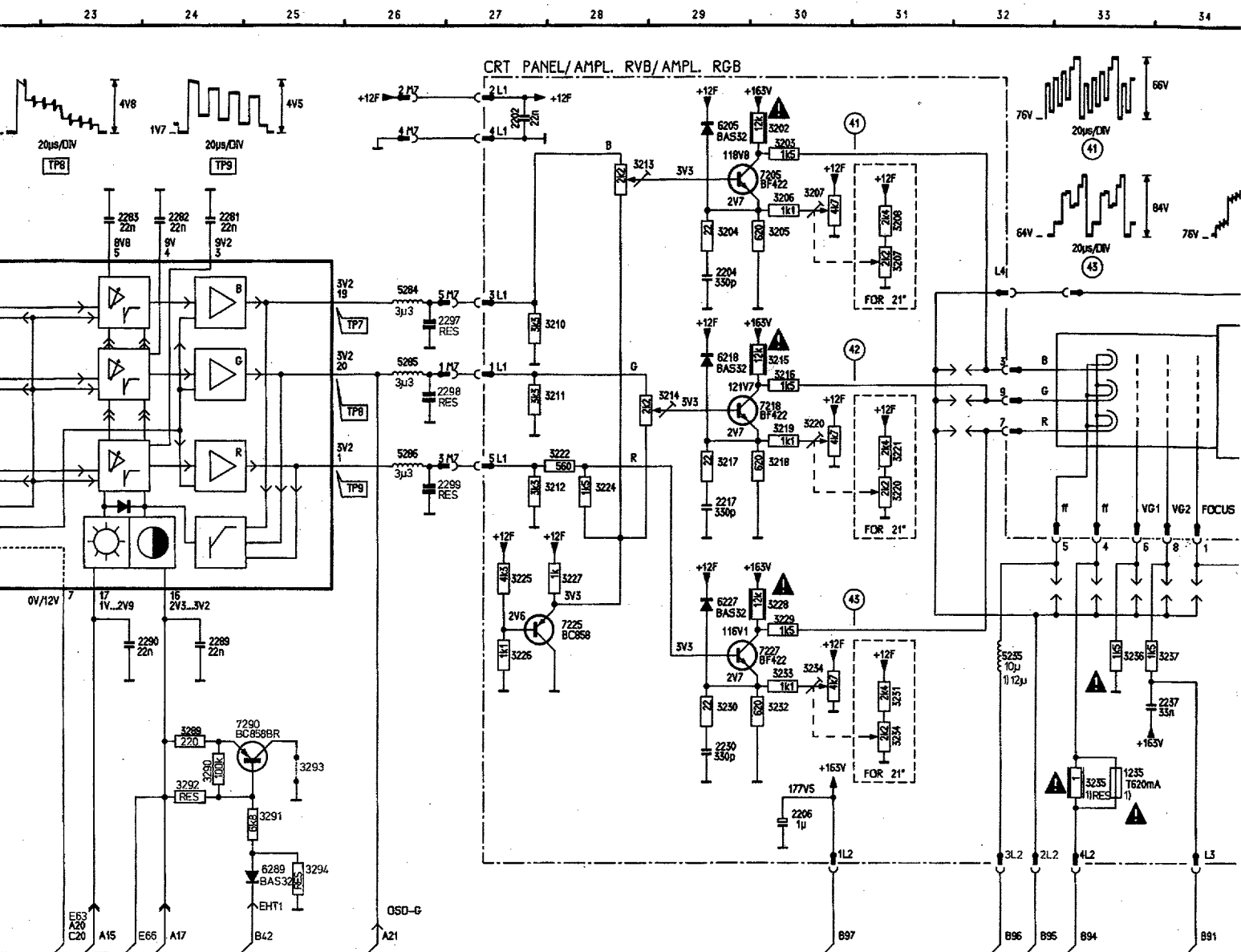
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2204 A1	3207 B1	3218 B3	3229 C3	6205 B1	L1 C1
2206 A1	3208 B1	3219 C3	3230 C2	6218 B2	L2 A2
2217 C3	3210 B1	3220 C2	3231 B1	6227 B2	L3 A4
2230 C2	3211 C1	3221 B2	3232 C2	7205 A1	L4 A2
2237 A4	3212 C1	3222 C1	3233 C2	7218 C4	
3202 A1	3213 A1	3224 C1	3234 B1	7225 B1	
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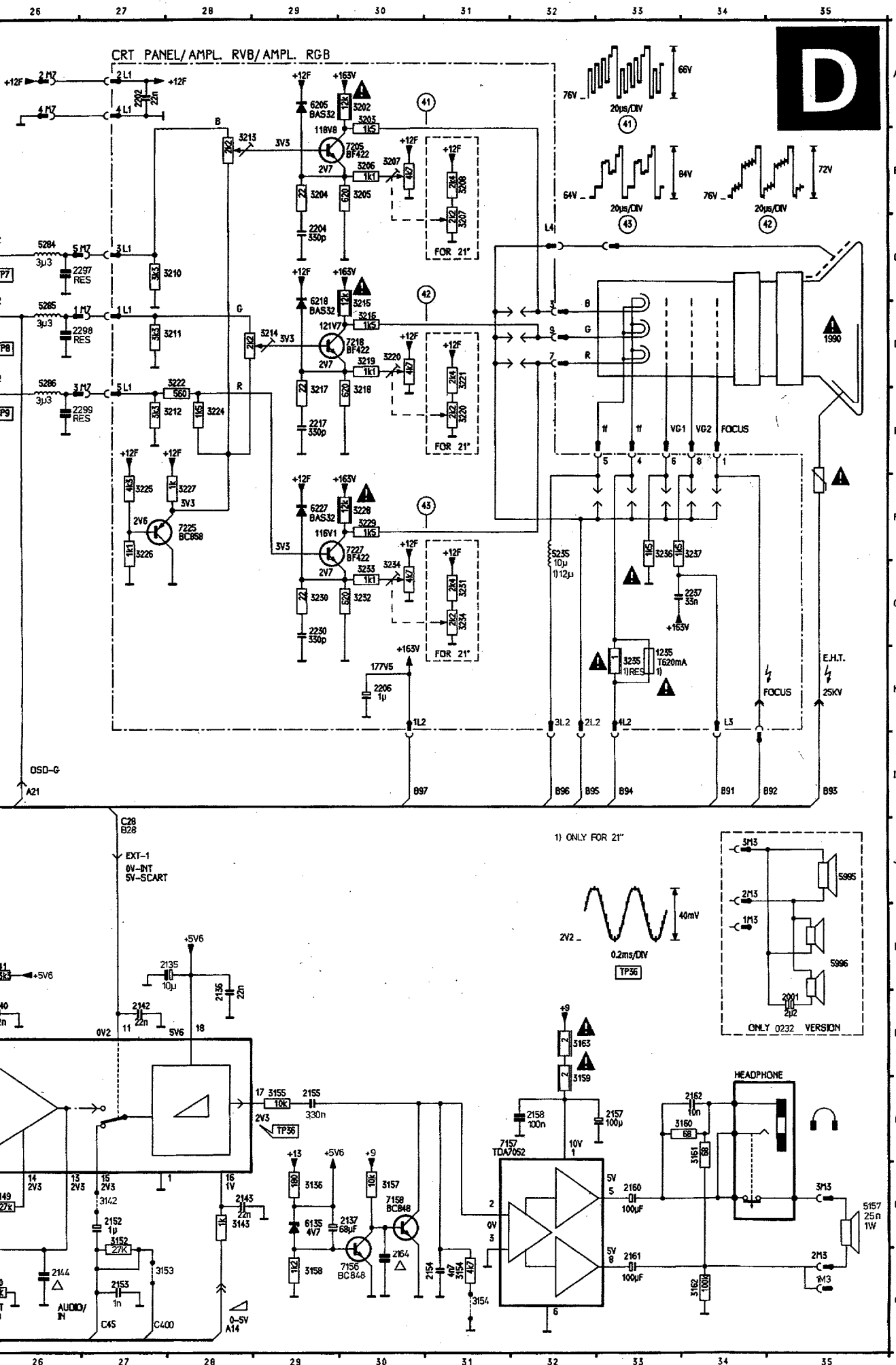
△

POS. NR.	SYSTEM BG	PAL-BG AMTSBL	SYSTEM I	SYSTEM BGDK	SYSTEM BGLL'	SYSTEM BGI LL'
1135	SFT5,5MHz	SFT5,5MHz	SFT6,0MHz	SFT5,5MHz	SFT5,5MHz	SFT5,5MHz
1136	---	---	820P	SFT6,5MHz	---	SFT6,0MHz
2138	1n	1n	---	1n	1n	820p
2139	---	---	---	820p	---	---
2144	---	1n2	---	---	---	---
2154	---	10n	---	---	---	---
2170	---	---	---	---	---	10n
2171	---	---	---	JMP	---	4n7
2172	---	---	---	---	---	100
2174	---	---	---	---	---	180p
2175	---	---	---	---	---	1n5
2176	---	---	---	---	---	10n
2288	---	---	---	---	---	---
3137	---	---	---	JMP	---	---
3141	---	---	---	---	3k3	3k3
3170	---	---	---	---	---	47k
3171	---	---	---	---	---	4k7
3172	---	---	---	---	---	4k7
3173	---	---	---	620	---	620
3175	---	---	---	---	---	1k0
5139	---	---	---	0,75uH	---	---
5177	---	---	---	---	---	100uH
5255	JMP	JMP	JMP	JMP	JMP	JMP
6170	---	---	---	JMP	---	BAS82
6172	---	---	---	---	---	BAS82
7170	---	---	---	---	---	BC848
9148	JMP	JMP	JMP	---	JMP	JMP

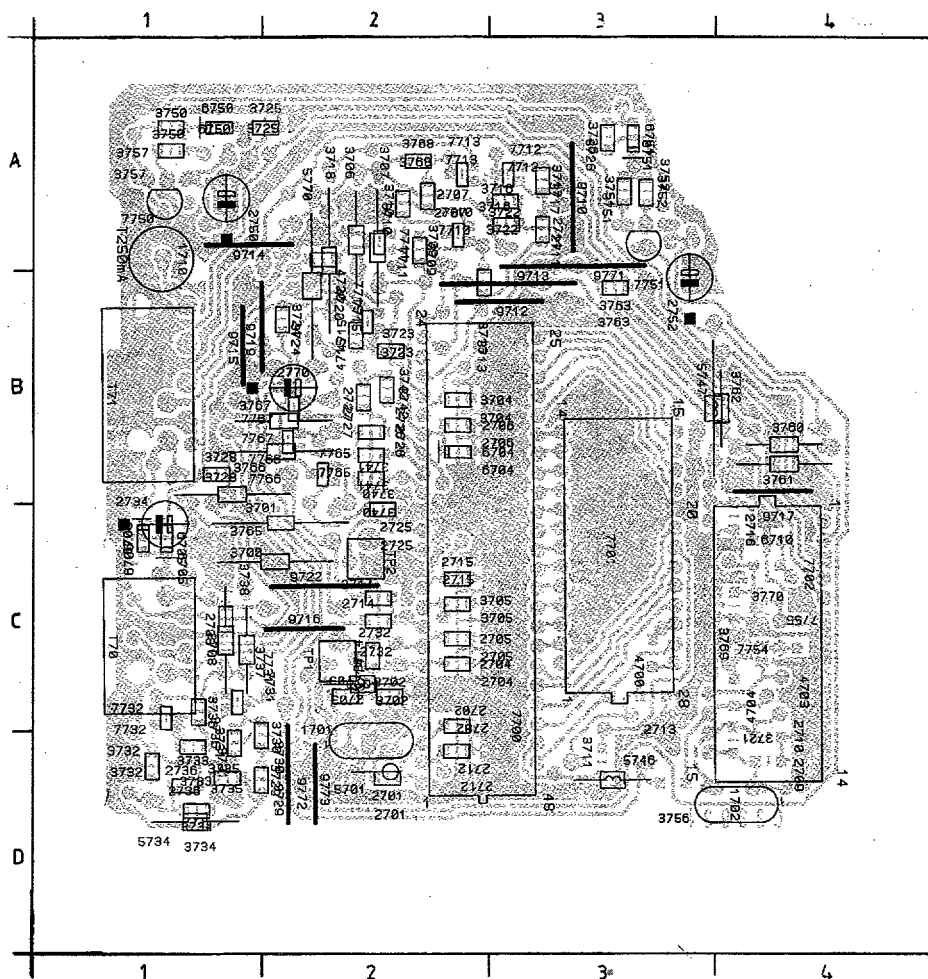




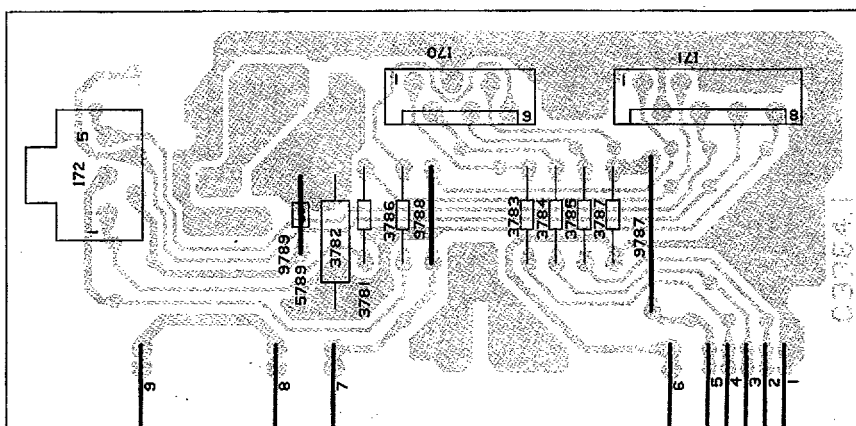


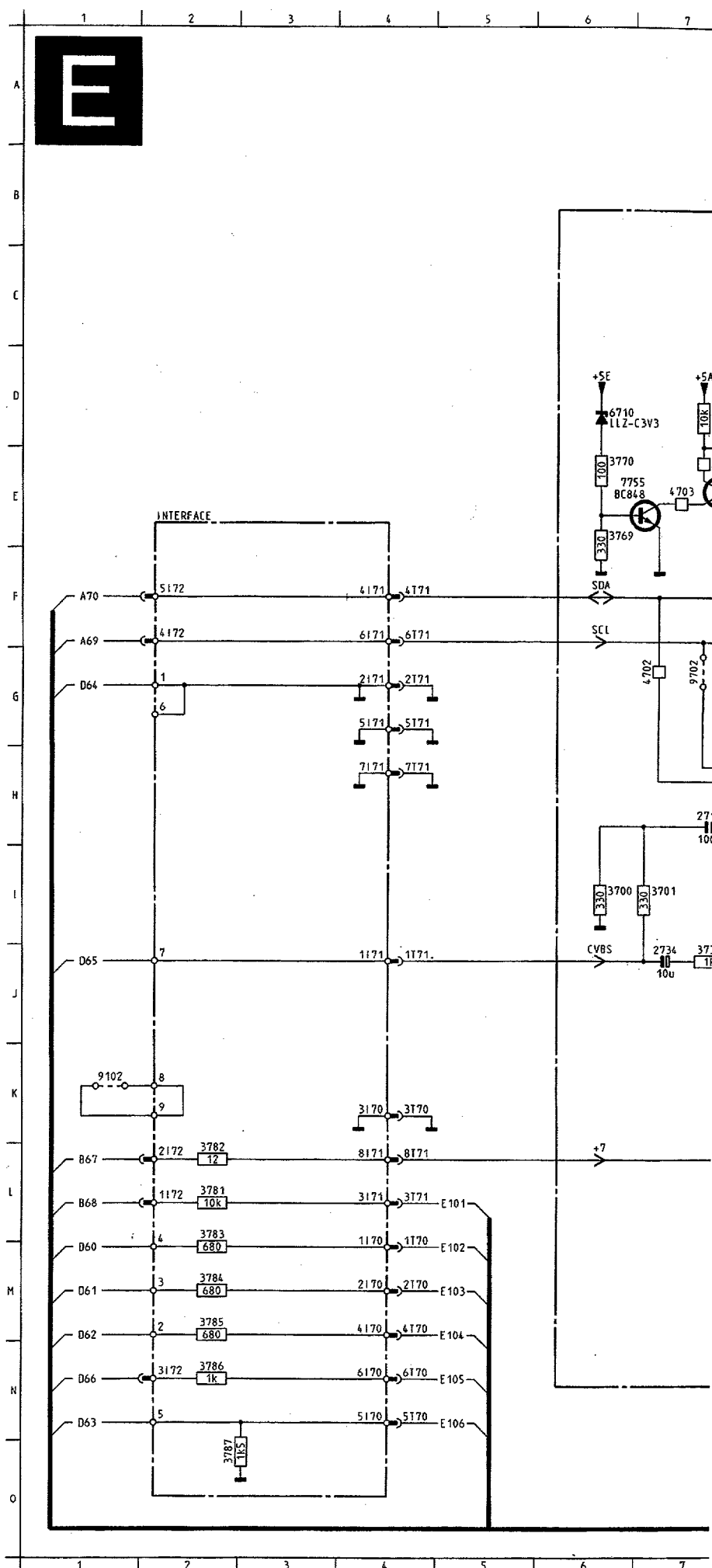
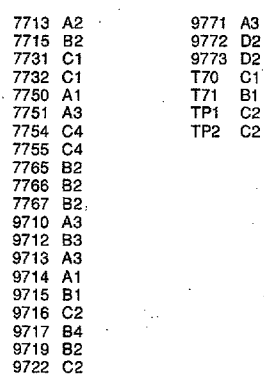


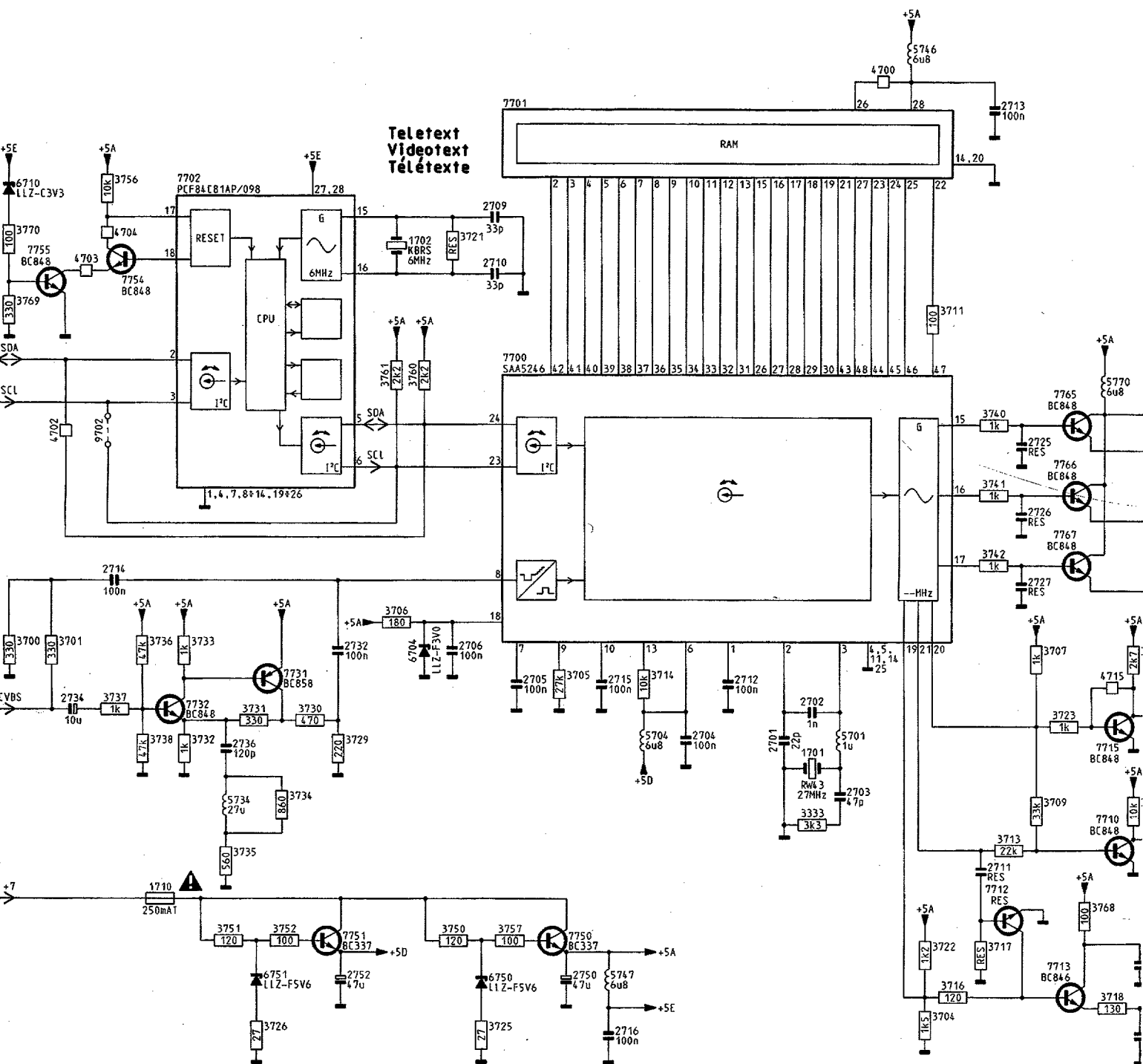
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1136	M21	3171	M34
1138	H3	3162	O34
1272	Q6	3163	L32
1272	F5	3169	M20
1272	K5	3170	O51
1272	K5	3171	O51
1202	K12	3172	N22
1204	K14	3173	M21
1210	K15	3175	K23
1211	K16	3176	K23
1217	O13	3203	A30
1218	N15	3204	B29
1220	M16	3205	B30
1224	L12	3206	B30
1224	L12	3207	B30
1226	M17	3207	C31
1227	M17	3208	C31
1228	M19	3210	B28
1236	L28	3211	B28
1236	L28	3212	B28
1236	K24	3213	F38
1239	K25	3214	D29
1240	L26	3215	D30
1242	L27	3216	F30
1244	O26	3217	F38
1244	O26	3218	F38
1245	N23	3219	D30
1246	N23	3220	D30
1246	N24	3220	D31
1246	N24	3221	D31
1249	N25	3222	E28
1250	O25	3224	E28
1251	N26	3225	F27
1251	N27	3226	F27
1251	N27	3227	F28
1254	O31	3228	F30
1255	M29	3229	F30
1257	M33	3230	G29
1258	M33	3230	G30
1261	M34	3233	G30
1262	M34	3233	G30
1264	O30	3234	G30
1269	M20	3234	G31
1269	M20	3235	H33
1271	M22	3236	H33
1272	K27	3237	F34
1274	K23	3251	D17
1275	K23	3252	D17
1275	K23	3253	E16
1282	A27	3269	O5
1294	C29	3269	G24
1296	H30	3290	G24
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1296	G29	3292	H25
1297	G34	3293	H25
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1255	D18	3294	J25
1255	B2	3295	H21
1255	B2	3296	H21
1257	J1	3299	H21
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1258	C2	3304	H1
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1259	B3	3305	B2
1259	J4	3306	F5
1260	K4	3306	F5
1260	B3	3307	N12
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1262	A6	3309	E13
1263	D3	3310	B16
1263	I6	3311	F12
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1265	F5	3314	K2
1265	N8	3315	K2
1266	F4	3316	N2
1266	F4	3317	N2
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1275	B14	5177	D23
1277	A9	5251	O16
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1280	B18	5259	B3
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1288	B24	6120	M15
1288	B24	6121	M18
1291	F21	6170	N22
1292	F21	6172	K23
1293	F22	6205	A29
1293	F20	6218	F29
1296	C26	6289	G24
1298	D26	6289	J25
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1304	K11	7158	N30
1305	K11	7159	N30
1306	K11	7205	B30
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1321	F10	7250	J5
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1313	K13	7266	B4
1317	N13	7280	B1
1318	N14	7290	G24
1319	N14	9101	N25
1320	O16	9102	N25
1324	I12	9268	G5
1327	N16		
1335	M12		
1335	K23		
1335	K23		
1341	K26		
1342	N27		
1343	N28		
1343	N28		
1348	N28		
1350	O25		
1351	K25		
1351	K25		
1351	O27		
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1355	M23		
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1356	O23		
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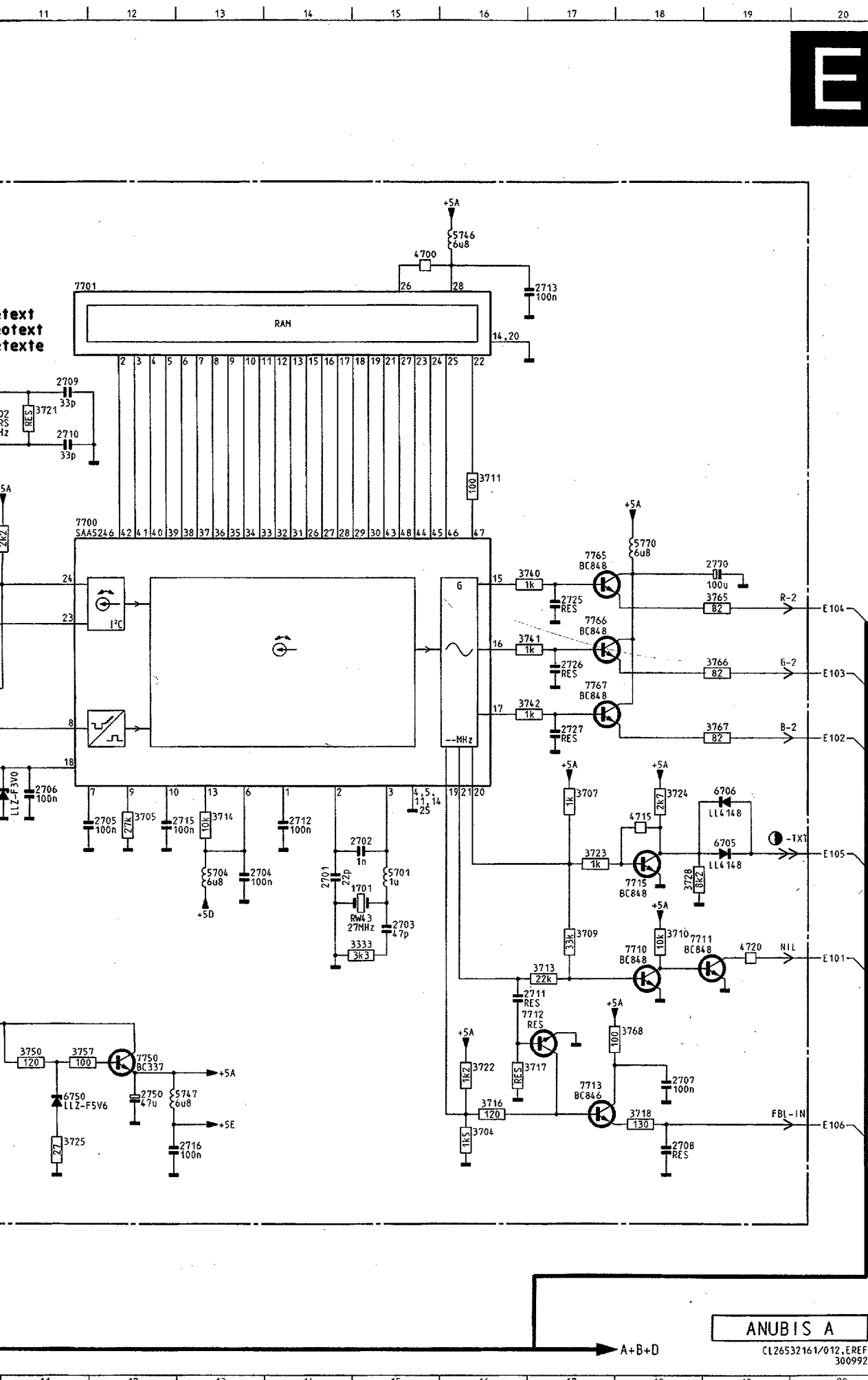


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2704	C2	2752	A3	3724	B2	3756	D3	5746	D3	7751
2705	C2	2770	B2	3725	A2	3757	A1	5747	B4	7754
2706	B2	3700	C2	3726	A3	3760	B4	5770	B2	7755
2707	A2	3701	B1	3728	B1	3761	B4	6704	B2	7765
2708	C1	3702	C2	3729	D2	3762	B4	6705	C1	7766
2709	D4	3704	B2	3730	D2	3763	B3	6706	C1	7767
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2711	A3	3706	A2	3732	D1	3766	B2	6750	A1	9712
2712	D2	3707	A2	3733	D1	3767	B2	6751	A3	9713
2713	C3	3709	A2	3734	D1	3768	A2	7700	C2	9714
2714	C2	3710	A2	3735	D1	3769	C4	7701	C3	9715
2715	C2	3711	D3	3736	C1	3770	C4	7702	C4	9716
2716	C4	3713	B2	3737	C1	4700	C3	7710	A2	9717
2725	C2	3714	C2	3738	C1	4703	C4	7711	A2	9719
2726	B2	3716	A3	3740	B2	4704	C4	7712	A3	9722






$$\longrightarrow A + B + D$$



A	1701	J15	7766	G17
	1702	E10	7767	H17
	1710	L 8	9102	K 1
	2701	J14	9702	G 7
	2702	J15		
B	2703	K15		
	2704	J13		
	2705	I12		
	2706	I11		
	2707	L18		
C	2708	M18		
	2709	D11		
	2710	E11		
	2711	K16		
	2712	I14		
D	2713	C17		
	2714	H 7		
	2715	I12		
	2716	M13		
	2725	G17		
E	2726	H17		
	2727	H17		
	2732	I10		
	2734	J 7		
	2736	J 8		
F	2750	M12		
	2752	M10		
	2770	F19		
	3333	K15		
	3700	I 6		
G	3701	I 7		
	3704	M16		
	3705	I12		
	3706	I10		
	3707	I17		
H	3709	K17		
	3710	K18		
	3711	E16		
	3713	K17		
	3714	I13		
I	3716	M16		
	3717	L16		
	3718	M18		
	3721	E11		
	3722	L16		
J	3723	J17		
	3724	I18		
	3725	M11		
	3726	M 9		
	3728	J18		
K	3729	J10		
	3730	J 9		
	3731	J 9		
	3732	J 8		
	3733	J 8		
L	3734	K 9		
	3735	K 9		
	3736	I 8		
	3737	J 7		
	3738	J 8		
M	3740	G17		
	3741	G17		
	3742	H17		
	3750	L11		
	3751	L 8		
N	3752	L 9		
	3756	D 7		
	3757	L11		
	3760	F10		
	3761	F10		
O	3765	G19		
	3766	H19		
	3767	H19		
	3768	L18		
	3769	E 6		
P	3770	E 6		
	3781	L 2		
	3782	L 2		
	3783	L 2		
	3784	M 2		
Q	3785	M 2		
	3786	N 2		
	3787	O 2		
	4700	C15		
	4702	G 7		
R	4703	E 7		
	4704	E 7		
	4715	I18		
	4720	K19		
	5701	J15		
S	5704	J13		
	5734	K 8		
	5746	C16		
	5747	M12		
	5770	F18		
T	6704	I10		
	6705	J19		
	6706	I19		
	6710	D 6		
	6750	M11		
U	6751	M 9		
	7700	F11		
	7701	C11		
	7702	D 8		
	7710	K18		
V	7711	K19		
	7712	L17		
	7713	L17		
	7715	J18		
	7731	I 9		
W	7732	J 8		
	7750	L12		
	7751	L10		
	7754	E 7		
	7755	E 7		
X	7765	F17		

1. Adjustments on the main panel (Fig. 7)

1.1 +100V power supply voltage

Connect a voltmeter (DC) between pin 6 of connector M5 and ground. Adjust potentiometer 3535 for a voltage of +100V (14"-17") or +92,5V (21").

1.2 Horizontal synchronization

Interconnect pins 8 and 28 of IC7015. Apply an aerial signal and tune the set. Adjust potentiometer 3356 until the picture is straight. Remove the interconnection.

1.3 Horizontal centring

Is adjusted with potentiometer 3354.

1.4 Vertical centring

Can be adjusted by eventually mounting one of the resistors 3401 or 3408.

1.5 Picture height

Is adjusted with potentiometer 3410.

1.6 Focussing

Is adjusted with the focussing potentiometer in the line output transformer (see Fig. 8).

1.7 IF filter for PAL/SECAM BGLL'- or PAL/SECAM BGLL'I sets

Connect a signal generator (e.g. PM 5326) via a condenser 5p6 to pin 17 of the tuner and adjust the frequency for 33.4 MHz. Connect an oscilloscope to pin 1 of filter 1015. Switch on the set and select system Europe via the system button on the set. Adjust 5012 for a minimum amplitude.

1.8 AFC

a. Alignments for PAL/SECAM BGLL'- or PAL/SECAM BGLL'I sets

Connect a signal generator (e.g. PM 5326) as indicated in point 1.7 and adjust the frequency for 33.4 MHz. Tune the set in the VHF1 band at a tuning voltage of approx. 5V on pin 11 of the tuner. Select system France via the system button on the set. Connect a voltmeter to pin 21 of IC7015. Adjust 5040 for 6V (DC). Next adjust the frequency of the signal generator for 38,9 MHz. Select system Europe on the set. Adjust 5043 for 6V (DC).

b. Alignment for PAL BG-, PAL/SECAM BG-, PAL/SECAM BGDK- or PAL I sets

Connect a signal generator (e.g. PM 5326) as indicated in point 1.7 and adjust the frequency for 38.9 MHz (PAL I: 39.5MHz). Connect a voltmeter to pin 21 of IC7015. Adjust 5040 for 6V (DC).

1.9 RF AGC

If the picture of a strong local transmitter is reproduced distorted, adjust potentiometer 3021 until the picture is undistorted.

1.10 Chroma band-pass filter for PAL/SECAM sets

Connect a signal generator (e.g. PM5326) to pin 20 of the euro connector and adjust it for a frequency of 4,286 MHz. Connect pin 8 of the euro connector and pin 27 of IC7250 to pin 13 of IC7250 (+12V). Connect an oscilloscope to pin 15 of IC7250. Adjust 5259 for a maximum amplitude. Remove the interconnections.

1.11 Chroma subcarrier oscillator

Apply a PAL colour-bar pattern. Interconnect pin 11 of IC7260 (TDA4510) or pin 17 of IC7250 (TDA4650) to ground. Adjust 2265 so that colour pattern on the screen is practically stationary. Remove the interconnection.

1.12 SECAM demodulators for PAL/SECAM sets

Apply a SECAM black pattern. Connect an oscilloscope to pin 1 of IC7250. Adjust 5320 for 0 reading. Connect the oscilloscope to pin 3 of IC7250. Adjust 3320 for 0 reading.

1.13 The FM sound section

a. General adjustments

Apply a PAL BG (PAL I for PAL I sets) generator signal whose sound carrier is (FM) modulated with a frequency of 1 kHz. Set the generator to the mono mode. Tune the set and select, if possible, system Europe. Adjust 5138 for maximum sound output.

b. Additional adjustment for PAL/SECAM BGDK sets

After the general adjustment (see point a.) put the generator in SECAM DK position. Adjust 5139 for maximum sound output.

1.14 The AM sound section for PAL/SECAM BGLL'- or PAL/SECAM BGLL'I sets

Connect pin 3 of IC7125 to a fixed voltage level of +2V by means of an adjustable power supply. Connect a signal generator (e.g. PM 5326) via a condenser 5p6 to pin 17 of the tuner and adjust the frequency for 32,4 MHz. Modulate (AM) the signal with 1 kHz. Tune the set in the UHF band and select system France. First adjust 5106 for maximum sound output. Next adjust 5104 for maximum sound output. Adjust the frequency of the signal generator for 30,9 MHz. and modulate (AM) the signal with 1 kHz. Adjust 5102 for minimum sound output. Remove the power supply connection.

7.2 ANUBIS A

2. Adjustments on the picture tube panel (Fig. 9)

2.1 Cut-off points of picture tube

Apply a black pattern generator signal. Adjust contrast at minimum.

Adjust brightness until the DC voltage across potentiometer 3213 is 0V.

Adjust 3207, 3220 and 3234 for a black level of 125V on the collectors of transistors 7205, 7218 and 7227.

Adjust Vg2 potentiometer until the gun that first emits light is just no longer visible. Adjust the two other guns with the respective controls (3207, 3220 or 3234) until just no light will be visible.

2.2 Grey scale

Apply a test pattern signal and adjust the set for normal operation. Allow the set to warm up for about 10 minutes. Adjust 3213 and 3214 until the desired grey scale has been obtained.

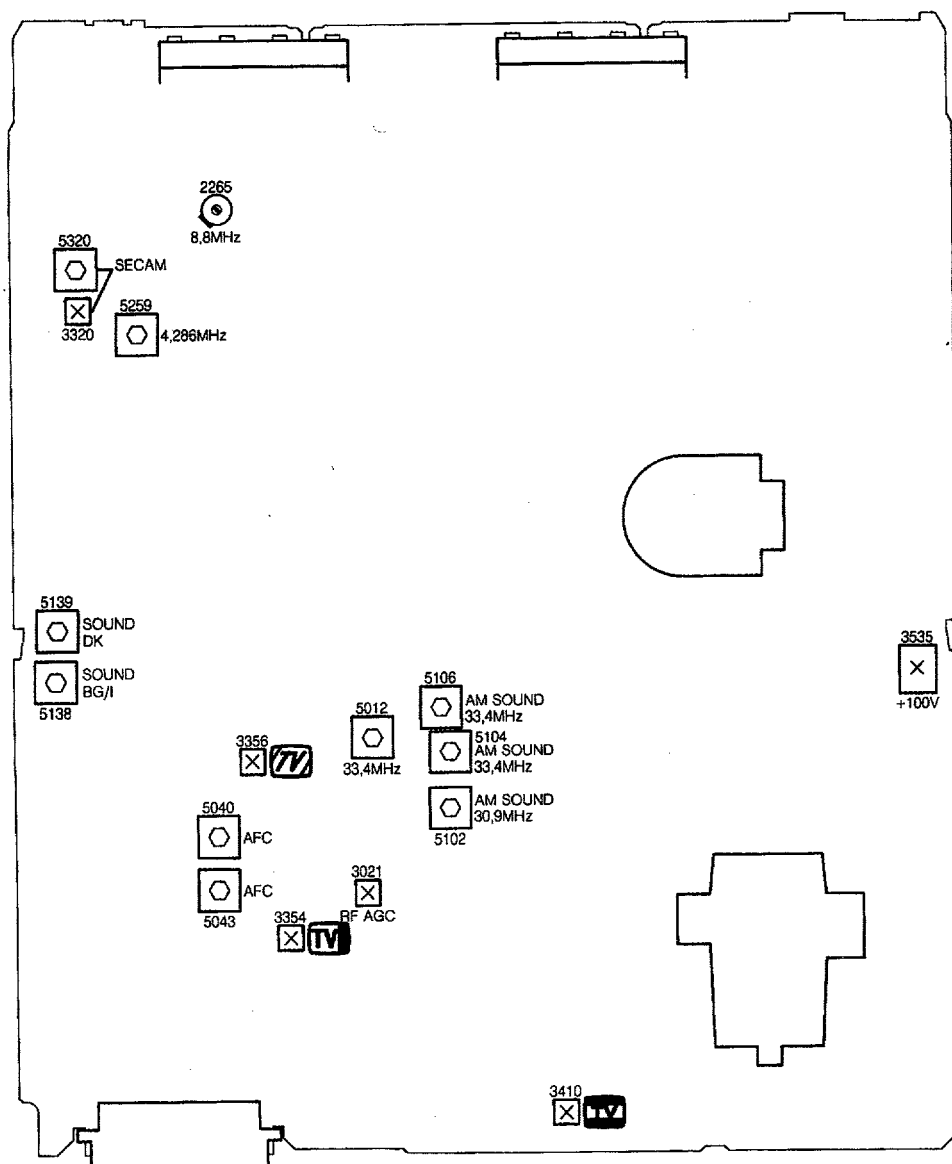


Fig. 7

MDA.02811
T10/037

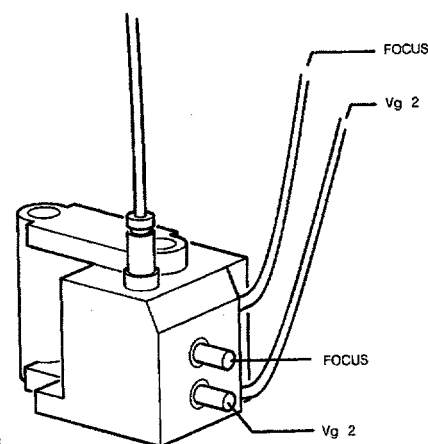


Fig. 8

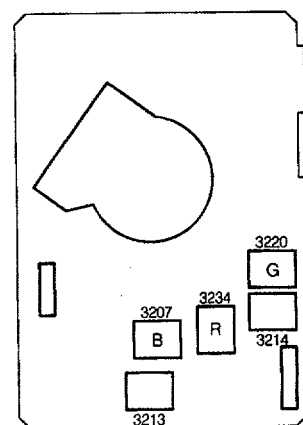


Fig. 9

MDA.02812
T28/035

List of error messages

ANUBIS A 8.1

ERROR MESSAGE	ERROR DESCRIPTION	POSSIBLE DEFECTIVE COMPONENT
Flashing LED	Internal μ C error	IC7600
F2 + Flashing LED	EEPROM error	IC7685

2507 5322 121 42919 10nF 10% 400V
 2509 4822 126 11141 2,2nF 10% 1KV
 2511 4822 122 31767 150pF 2% 63V
 2514 4822 122 31961 68pF 2% 63V
 2515 4822 122 31961 68pF 2% 63V

2517 5322 121 42498 680nF 5% 63V
 2520 4822 122 32891 68nF 10% 63V
 2522 4822 122 31746 1000pF 2% 63V
 2523 4822 122 31746 1000pF 2% 63V
 2524 ▲ 4822 126 11382 1nF 10% 1KV

2526 ▲ 4822 122 32442 10nF 50V
 2530 ▲ 4822 124 80096 47μF 200V
 2532 4822 122 31177 470pF 10% 500V
 2533 4822 122 31981 33nF 50V
 2534 ▲ 4822 126 11524 1,5nF 10% 1KV

2540 4822 124 41677 680μF 20% 25V
 2545 4822 124 40769 4,7μF 20% 100V
 2547 4822 122 31746 1000pF 2% 63V
 2550 4822 121 42786 33 nF 2% 100V
 2553 4822 122 31727 470pF 2% 63V

2554 4822 122 31174 2,7nF 10% 500V
 2555 4822 126 11544 22000pF 63V
 2556 4822 122 31784 4,7nF 10% 50V
 2557 4822 122 31784 4,7nF 10% 50V
 2560 4822 124 41677 680μF 20% 25V

2561 5322 124 41431 22μF 20% 35V
 2562 4822 122 31727 470pF 2% 63V
 2563 4822 122 31727 470pF 2% 63V
 2573 4822 122 31772 47pF 2% 63V
 2602 4822 124 40435 10μF 20% 50V

2606 4822 122 31974 820pF 10% 63V
 2610 4822 121 41673 220nF 10% 100V
 2611 4822 121 41673 220nF 10% 100V
 2615 4822 122 31765 100pF 2% 63V
 2623 4822 124 40242 1μF 20% 63V

2624 4822 124 41596 22μF 20% 50V
 2625 4822 122 32765 820pF 2% 63V
 2629 4822 124 40435 10μF 20% 50V
 2629 4822 124 41576 2,2μF 20% 50V
 2630 4822 124 41576 2,2μF 20% 50V

2651 4822 122 31974 820pF 10% 63V
 2658 4822 122 31974 820pF 10% 63V
 2660 5322 122 31647 1nF 10% 63V
 2666 4822 124 40433 47μF 20% 25V
 2666 ▲ 4822 124 41525 100μF 20% 25V

2669 4822 122 31772 47pF 2% 63V
 2669 5322 122 31842 820pF 2% 63V
 2670 4822 122 31965 220pF 2% 63V
 2676 4822 122 31768 180pF 2% 63V
 2677 4822 122 31769 18pF 2% 63V

2677 4822 122 31971 10pF 2% 63V
 2677 4822 122 32083 8,2pF 5% 50V
 2678 4822 122 31769 18pF 2% 63V
 2678 4822 122 31971 10pF 2% 63V
 2678 4822 122 32083 8,2pF 5% 50V

2679 4822 122 31839 82pF 2% 63V
 2680 4822 122 31825 27pF 2% 63V
 2681 4822 122 31825 27pF 2% 63V
 2682 4822 122 31765 100pF 2% 63V
 2685 ▲ 4822 124 41525 100μF 20% 25V

2686 4822 126 11544 22000pF 63V
 2690 4822 126 11544 22000pF 63V
 2695 4822 122 31974 820pF 10% 63V
 2696 4822 122 31974 820pF 10% 63V
 2697 4822 122 31974 820pF 10% 63V

2698 4822 122 31974 820pF 10% 63V
 2849 4822 122 31727 470pF 2% 63V
 2850 4822 122 31965 220pF 2% 63V
 2852 4822 122 31965 220pF 2% 63V
 2860 4822 122 31784 4,7nF 10% 50V

2875 5322 122 31647 1nF 10% 63V
 2876 4822 124 40435 10μF 20% 50V



3001 ▲ 4822 052 10229 22Ω 5% 0,33W
 3002 4822 051 10272 2k7 2% 0,25W
 3004 4822 051 10008 0Ω 5% 0,25W
 3005 4822 051 10008 0Ω 5% 0,25W
 3005 4822 051 10102 1k 2% 0,25W

3010 4822 051 10008 0Ω 5% 0,25W
 3010 4822 051 10569 56k 2% 0,25W
 3011 4822 051 10562 5k6 2% 0,25W
 3012 4822 051 10562 5k6 2% 0,25W
 3015 ▲ 4822 052 10109 10Ω 5% 0,33W

3015 ▲ 4822 052 10159 15Ω 5% 0,33W
 3016 4822 116 52245 150k 5% 0,5W
 3017 4822 116 52256 2k2 5% 0,5W
 3018 4822 051 10103 10k 2% 0,25W
 3019 4822 051 10181 180Ω 2% 0,25W

3019 4822 051 10562 5k6 2% 0,25W
 3021 4822 100 11823 47k 30% 0,1W
 3022 4822 051 10473 47k 2% 0,25W
 3023 4822 051 10224 220k 2% 0,25W
 3024 4822 051 10472 4k7 2% 0,25W

3025 4822 051 10332 3k3 2% 0,25W
 3026 4822 051 10101 100Ω 2% 0,25W
 3027 4822 051 10221 220Ω 2% 0,25W
 3028 4822 051 10152 1k5 2% 0,25W
 3029 4822 051 10152 1k5 2% 0,25W

3030 4822 051 10221 220Ω 2% 0,25W
 3031 4822 051 10331 330Ω 2% 0,25W
 3032 4822 051 10181 180Ω 2% 0,25W
 3033 4822 051 10182 1k8 2% 0,25W
 3034 4822 051 10103 10k 2% 0,25W

3035 4822 051 10008 0Ω 5% 0,25W
 3036 4822 051 10008 0Ω 5% 0,25W
 3037 4822 051 10008 0Ω 5% 0,25W
 3038 4822 051 10393 39k 2% 0,25W
 3039 4822 051 10393 39k 2% 0,25W

3043 4822 051 10103 10k 2% 0,25W
 3044 4822 116 52233 10k 5% 0,5W
 3049 4822 051 10683 68k 2% 0,25W
 3050 4822 051 10332 3k3 2% 0,25W
 3051 4822 051 10223 22k 2% 0,25W

3054 4822 051 10102 1k 2% 0,25W
 3102 4822 051 10008 0Ω 5% 0,25W
 3103 4822 051 10008 0Ω 5% 0,25W
 3116 4822 051 10105 1M 5% 0,25W
 3117 4822 051 10152 1k5 2% 0,25W

3118 4822 051 10682 6k8 2% 0,25W
 3119 4822 051 10681 680Ω 2% 0,25W
 3120 4822 051 10105 1M 5% 0,25W
 3124 ▲ 4822 052 10229 22Ω 5% 0,33W
 3127 4822 051 10152 1k5 2% 0,25W

3135 4822 051 10621 620Ω 2% 0,25W
 3136 4822 053 11181 180Ω 5% 2W
 3137 4822 051 10008 0Ω 5% 0,25W
 3138 4822 051 20222 2k2 5% 0,1W
 3139 4822 051 10008 0Ω 5% 0,25W

3140 4822 051 10008 0Ω 5% 0,25W
 3141 4822 051 10332 3k3 2% 0,25W
 3142 4822 051 10008 0Ω 5% 0,25W
 3143 4822 051 10102 1k 2% 0,25W
 3148 4822 051 10273 27k 2% 0,25W

3149 4822 051 10273 27k 2% 0,25W
 3150 4822 051 10104 100k 2% 0,25W
 3151 4822 051 10008 0Ω 5% 0,25W
 3152 4822 051 10273 27k 2% 0,25W
 3153 4822 051 10123 12k 2% 0,25W

3154 4822 051 10272 2k7 2% 0,25W
 3155 4822 051 10103 10k 2% 0,25W
 3156 4822 051 10008 0Ω 5% 0,25W
 3157 ▲ 4822 050 21003 10k 1% 0,6W
 3158 4822 051 10122 1k2 2% 0,25W

3159 ▲ 4822 052 11208 2Ω 5% 0,5W
 3160 4822 051 10689 68Ω 2% 0,25W
 3161 4822 051 10689 68Ω 2% 0,25W
 3162 4822 051 10104 100k 2% 0,25W
 3163 ▲ 4822 052 11208 2Ω 5% 0,5W

3169 4822 051 10621 620Ω 2% 0,25W
 3170 4822 051 10473 47k 2% 0,25W
 3171 ▲ 4822 116 52283 4k7 5% 0,5W
 3172 4822 051 10472 4k7 2% 0,25W
 3173 4822 051 10621 620Ω 2% 0,25W

3175 4822 051 10102 1k 2% 0,25W
 3251 4822 051 10162 1k6 2% 0,25W
 3252 4822 051 10911 910Ω 2% 0,25W
 3253 4822 051 10751 750Ω 2% 0,25W
 3261 4822 051 10008 0Ω 5% 0,25W

3269 4822 051 10008 0Ω 5% 0,25W
 3289 4822 051 10221 220Ω 2% 0,25W
 3290 4822 051 10104 100k 2% 0,25W
 3291 4822 116 52296 6k8 5% 0,5W
 3293 4822 051 10008 0Ω 5% 0,25W

3296 ▲ 4822 052 10109 10Ω 5% 0,33W
 3297 4822 051 10101 100Ω 2% 0,25W
 3298 4822 051 10101 100Ω 2% 0,25W
 3299 4822 051 10101 100Ω 2% 0,25W
 3303 4822 051 10331 330Ω 2% 0,25W

3304 4822 051 10331 330Ω 2% 0,25W
 3305 4822 051 51201 120Ω 1% 0,125W
 3306 4822 051 10332 3k3 2% 0,25W
 3307 4822 051 10103 10k 2% 0,25W
 3308 4822 116 52233 10k 5% 0,5W

3309 4822 051 10105 1M 5% 0,25W
 3310 4822 051 10561 560Ω 2% 0,25W
 3311 4822 051 10102 1k 2% 0,25W
 3312 4822 051 10008 0Ω 5% 0,25W
 3313 4822 051 10473 47k 2% 0,25W

3314 4822 051 10682 6k8 2% 0,25W
 3315 4822 051 10473 47k 2% 0,25W
 3316 4822 051 10473 47k 2% 0,25W
 3317 4822 051 10472 4k7 2% 0,25W
 3318 4822 051 10472 4k7 2% 0,25W

3319 4822 051 10681 680Ω 2% 0,25W
 3320 4822 100 11824 470Ω 30% 0,1W
 3321 4822 116 52256 2k2 5% 0,5W
 3322 4822 051 10008 0Ω 5% 0,25W
 3350 4822 051 10823 82k 2% 0,25W

3351 4822 116 52249 1k8 5% 0,5W
 3353 4822 051 10473 47k 2% 0,25W
 3353 4822 051 56203 62k 1% 0,125W
 3354 4822 100 11822 22k 30% 0,1W
 3354 4822 100 11844 100k 30%

3355 4822 116 52267 30k 5% 0,5W
 3356 4822 100 11821 6k8 30% 0,1W
 3357 4822 051 20222 2k2 5% 0,1W
 3358 4822 051 10104 100k 2% 0,25W
 3358 4822 051 10433 43k 2% 0,25W

3359 4822 051 10272 2k7 2% 0,25W
 3360 4822 051 10008 0Ω 5% 0,25W
 3362 4822 051 10101 100Ω 2% 0,25W
 3363 4822 051 10008 0Ω 5% 0,25W
 3364 4822 051 10394 390k 2% 0,25W

3370 ▲ 4822 052 11471 470Ω 5% 0,5W
 3401 4822 116 52259 2k4 5% 0,5W
 3402 ▲ 4822 050 23901 390Ω 1% 0,6W
 3402 4822 116 52222 390Ω 5% 0,5W
 3403 ▲ 4822 116 52266 3k 5% 0,5W

3403 ▲	4822 116 52269	3k3 5% 0,5W	3522	4822 053 11569	56Ω 5% 2W	33631	4822 116 52275	360k 5% 0,5W
3403	4822 116 52276	3k9 5% 0,5W	3523	4822 050 24708	407 1% 0,6W	3635	4822 051 10008	0Ω 5% 0,25W
3404	4822 051 10202	2k 2% 0,25W	3525	4822 053 11209	20Ω 5% 2W	3651	4822 051 10103	10k 2% 0,25W
3404 ▲	4822 051 10242	2k4 2% 0,25W	3530	4822 115 10114	150Ω 10%	3652	4822 116 52207	1k2 5% 0,5W
3404	4822 051 10432	4k3 2% 0,25W	3533	4822 050 14703	47k 1% 0,4W	3653	4822 116 52207	1k2 5% 0,5W
3405	4822 051 10131	130Ω 2% 0,25W	3533	4822 050 14873	48k7 1% 0,4W	654	4822 051 10102	1k 2% 0,25W
3405	4822 051 10151	150Ω 2% 0,25W	3534	4822 051 10302	3k 2% 0,25W	3655	4822 051 10102	1k 2% 0,25W
3405	4822 051 10159	15Ω 2% 0,25W	3534	4822 051 10332	3k3 2% 0,25W	3656	4822 051 10103	10k 2% 0,25W
3406	4822 051 10123	12k 2% 0,25W	3535	4822 100 11794	1k 10%	3657	4822 051 10683	68k 2% 0,25W
3406	4822 051 10153	15k 2% 0,25W	3544 ▲	4822 052 10108	1Ω 5% 0,33W	3658	4822 051 10272	2k7 2% 0,25W
3406	4822 051 20183	18k 5% 0,1W	3547	4822 050 11502	1k5 1% 0,4W	3659	4822 051 10911	910Ω 2% 0,25W
3407	4822 051 10223	22k 2% 0,25W	3549	4822 051 10479	47Ω 2% 0,25W	3660	4822 116 52175	100Ω 5% 0,5W
3407	4822 051 20183	18k 5% 0,1W	3550	4822 051 10122	1k2 2% 0,25W	3661	4822 050 11002	1k 1% 0,4W
3408 ▲	4822 053 10681	680Ω 5% 1W	3550	4822 051 10152	1k5 2% 0,25W	3663	4822 051 10151	150Ω 2% 0,25W
3408	4822 116 52259	2k4 5% 0,5W	3551	4822 051 10151	150Ω 2% 0,25W	3663	4822 051 10471	470Ω 2% 0,25W
3409	4822 051 10008	0Ω 5% 0,25W	3552	4822 051 10101	100Ω 2% 0,25W	3664	4822 116 52296	6k8 5% 0,5W
3410	4822 100 11658	330Ω 30% 0,1W	3553	4822 051 10221	220Ω 2% 0,25W	3664	4822 116 52306	9k1 5% 0,5W
3411	4822 050 24308	4Ω3 1% 0,6W	3554	4822 053 11689	68Ω 5% 2W	3665	4822 050 11002	1k 1% 0,4W
3411 ▲	4822 052 11208	2Ω 5% 0,5W	3555	4822 051 10101	100Ω 2% 0,25W	3666	4822 051 10151	150Ω 2% 0,25W
3411	4822 116 83985	3Ω6 5% 0,33W	3556	4822 051 10681	680Ω 2% 0,25W	3666	4822 051 10471	470Ω 2% 0,25W
3412	4822 050 24308	4Ω3 1% 0,6W	3557 ▲	4822 053 11271	270Ω 5% 2W	3667	4822 116 52233	10k 5% 0,5W
3412 ▲	4822 052 10278	2Ω7 5% 0,33W	3558	4822 051 10101	100Ω 2% 0,25W	3668	4822 051 10433	43k 2% 0,25W
3412	4822 116 83984	2Ω7 5% 0,33W	3560	4822 051 10101	100Ω 2% 0,25W	3669	4822 051 10103	10k 2% 0,25W
3413	4822 051 10273	27k 2% 0,25W	3561 ▲	4822 116 52219	330Ω 5% 0,5W	3670	4822 116 52233	10k 5% 0,5W
3414	4822 051 10008	0Ω 5% 0,25W	3562	4822 051 10271	270Ω 2% 0,25W	3671	4822 051 10103	10k 2% 0,25W
3415	4822 116 52253	2k 5% 0,5W	3563	4822 051 10008	0Ω 5% 0,25W	3672	4822 051 10102	1k 2% 0,25W
3416	4822 116 52253	2k 5% 0,5W	3564 ▲	4822 052 10109	10Ω 5% 0,33W	3673	4822 051 10103	10k 2% 0,25W
3417	4822 051 10008	0Ω 5% 0,25W	3565	4822 051 10103	10k 2% 0,25W	3674	4822 050 11002	1k 1% 0,4W
3418	4822 051 10008	0Ω 5% 0,25W	3566	4822 051 10123	12k 2% 0,25W	3676	4822 116 52233	10k 5% 0,5W
3419	4822 051 10008	0Ω 5% 0,25W	3567	4822 051 20183	18k 5% 0,1W	3678	4822 051 10008	0Ω 5% 0,25W
3419	4822 051 10101	100Ω 2% 0,25W	3568	4822 053 11122	1k2 5% 2W	3679	4822 051 20222	2k2 5% 0,1W
3440 ▲	4822 116 52199	68Ω 5% 0,5W	3569	4822 116 52175	100Ω 5% 0,5W	3680	4822 051 10008	0Ω 5% 0,25W
3442	4822 051 10562	5k6 2% 0,25W	3570	4822 116 52257	22k 5% 0,5W	3682	4822 051 10008	0Ω 5% 0,25W
3443	4822 113 80583	4Ω7 10% 5W	3571 ▲	4822 050 24701	470Ω 1% 0,6W	3683	4822 051 10008	0Ω 5% 0,25W
3444	4822 053 11562	5k6 5% 2W	3572 ▲	4822 116 52202	82Ω 5% 0,5W	3684	4822 051 10332	3k3 2% 0,25W
3444 ▲	4822 117 10037	4k7 5% 3W	3573	4822 116 52284	47k 5% 0,5W	3685	4822 051 10332	3k3 2% 0,25W
3445	4822 051 10479	47Ω 5% 0,25W	3574	4822 051 10104	100k 2% 0,25W	3686	4822 051 10102	1k 2% 0,25W
3448 ▲	4822 052 10108	1Ω 5% 0,33W	3591	4822 051 10008	0Ω 5% 0,25W	3687	4822 051 10102	1k 2% 0,25W
3449 ▲	4822 052 10108	1Ω 5% 0,33W	3593	4822 051 10008	0Ω 5% 0,25W	3688	4822 051 10225	2M2 5% 0,25W
3451	4822 051 10333	33k 2% 0,25W	3601	4822 116 52233	10k 5% 0,5W	3689	4822 051 10104	100k 2% 0,25W
3452 ▲	4822 052 10109	10Ω 5% 0,33W	3602	4822 116 52303	8k2 5% 0,5W	3692	4822 050 11002	1k 1% 0,4W
3452 ▲	4822 052 10159	15Ω 5% 0,33W	3603	4822 050 12403	2,2M 0,125W	3693	4822 116 52284	47k 5% 0,5W
3452 ▲	4822 052 10478	4Ω7 5% 0,33W	3604	4822 051 10151	150Ω 2% 0,25W	3694	4822 051 10008	0Ω 5% 0,25W
3454 ▲	4822 052 11102	1k 5% 0,5W	3604	4822 051 10339	33Ω 2% 0,25W	3695	4822 051 10101	100Ω 2% 0,25W
3455	4822 051 10123	12k 2% 0,25W	3605	4822 050 12204	220k 1% 0,4W	3696	4822 051 10101	100Ω 2% 0,25W
3455	4822 051 20183	18k 5% 0,1W	3606	4822 116 52233	10k 5% 0,5W	3697	4822 051 10101	100Ω 2% 0,25W
3456	4822 053 20334	330k 5% 0,25W	3607	4822 051 10332	3k3 2% 0,25W	3698	4822 116 52175	100Ω 5% 0,5W
3456	4822 053 20434	430k 5% 0,25W	3610	4822 051 10153	15k 2% 0,25W	3699	4822 051 10472	4k7 2% 0,25W
3457	4822 113 80573	270Ω 10% 5W	3611	4822 051 10103	10k 2% 0,25W	3850	4822 051 10123	12k 2% 0,25W
3460	4822 051 10103	10k 2% 0,25W	3612	4822 051 10103	10k 2% 0,25W	3851	4822 116 80747	75Ω 5% 0,125W
3460	4822 051 10113	11k 2% 0,25W	3613	4822 051 10123	12k 2% 0,25W	3852	4822 051 10123	12k 2% 0,25W
3465	4822 051 10185	1M8 5% 0,25W	3614	4822 051 10472	4k7 2% 0,25W	3853	4822 116 80747	75Ω 5% 0,125W
3470 ▲	4822 052 10478	4Ω7 5% 0,33W	3614	4822 051 10473	47k 2% 0,25W	3854	4822 051 10008	0Ω 5% 0,25W
3470 ▲	4822 052 10828	8Ω2 5% 0,33W	3615	4822 051 10824	820k 2% 0,25W	3855	4822 116 80747	75Ω 5% 0,125W
3501	4822 116 40137	PTC 36Ω 365V	3616	4822 051 10008	0Ω 5% 0,25W	3856	4822 051 10008	0Ω 5% 0,25W
3503 ▲	4822 053 21475	4M7 5% 0,5W	3616	4822 116 52284	47k 5% 0,5W	3857	4822 051 10008	0Ω 5% 0,25W
3504 ▲	4822 053 21475	4M7 5% 0,5W	3617	4822 051 10008	0Ω 5% 0,25W	3858	4822 116 80747	75Ω 5% 0,125W
3508	4822 051 10333	33k 2% 0,25W	3617	4822 051 10562	5k6 2% 0,25W	3859	4822 051 10008	0Ω 5% 0,25W
3509	4822 116 52274	36k 5% 0,5W	3618	4822 051 20183	18k 5% 0,1W	3860	4822 051 10471	470Ω 2% 0,25W
3510	4822 051 10333	33k 2% 0,25W	3620	4822 051 10433	43k 2% 0,25W	3862	4822 050 11002	1k 1% 0,4W
3511	4822 051 10102	1k 2% 0,25W	3621	4822 051 10363	36k 2% 0,25W	3865	4822 116 82719	56Ω 5% 0,125W
3513	4822 051 10223	22k 2% 0,25W	3621	4822 051 10393	39k 2% 0,25W	3866	4822 116 82718	18Ω 5% 0,125W
3514	4822 116 52278	390k 5% 0,5W	3622	4822 116 52284	47k 5% 0,5W	3871	4822 116 52215	220Ω 5% 0,5W
3515	4822 051 10471	470Ω 2% 0,25W	3623	4822 116 52257	22k 5% 0,5W	3875	4822 116 52196	51Ω 5% 0,5W
3516	4822 051 10101	100Ω 2% 0,25W	3624	4822 051 10273	27k 2% 0,25W	3876	4822 051 10332	3k3 2% 0,25W
3517	4822 116 52206	120Ω 5% 0,5W	3625	4822 051 10163	16k 2% 0,25W	3878	4822 116 52251	18k 5% 0,5W
3518	4822 051 10224	220k 2% 0,25W	3626	4822 116 52251	18k 5% 0,5W	3879	4822 051 10473	47k 2% 0,25W
3520	4822 051 10184	20k 2% 0,25W	3627	4822 051 10223	22k 2% 0,25W	3880	4822 051 10562	5k6 2% 0,25W
3521	4822 053 11209	180Ω 5% 2W	3628	4822 051 10393	39k 2% 0,25W	3881	4822 051 10103	10k 2% 0,25W
3521	4822 053 11569	56Ω 5% 2W	3630	4822 051 10274	270k 2% 0,25W	3882	4822 051 10752	7k5 2% 0,25W

3883 4822 051 10103 10k 2% 0,25W
3901 4822 051 10008 0Ω 5% 0,25W
3902 4822 051 10008 0Ω 5% 0,25W

5010 4822 157 62552 2,2μH
5012 4822 157 63068 0,28μH
5018 4822 526 10494 FERRITE BEAD
5030 4822 157 60123 6,8μH
5032 4822 157 62767 8,2μH

5040 4822 157 63064 0,19μH
5040 4822 157 63071 0,3μH
5043 4822 157 63069 0,7μH
5102 4822 157 63524 1,0μH
5104 4822 157 63525 0,35μH

5106 4822 157 63526 0,34μH
5138 4822 157 53635 10K 0,75μH 6%
5139 4822 157 53635 10K 0,75μH 6%
5177 4822 157 52333 100μH
5251 4822 320 40235 DELAY LINE

5255 4822 157 53302 1,0μH
5258 ▲ 4822 157 51462 10μH
5259 4822 157 52808 10μH
5284 4822 157 60141 3,3μH
5285 4822 157 60141 3,3μH

5286 4822 157 60141 3,3μH
5296 ▲ 4822 157 51462 10μH
5320 4822 157 52808 10μH
5440 4822 157 52983 2N2
5441 4822 146 21116 LOT DRIVER

5443 ▲ 4822 157 51462 10μH
5445 ▲ 4822 140 10406 LOT AT2079/40
5447 4822 157 62766 262LYF-0095K
5449 4822 156 20966 47μH
5449 4822 158 10551 27μH

5452 4822 157 51157 3,3μH
5453 ▲ 4822 157 51462 10μH
5454 4822 156 21332 LIN. COIL (21")
5454 4822 157 53205 LIN. C. (14/17")
5470 ▲ 4822 157 51462 10μH

5500 4822 212 22978 MAINS FILTER
5503 4822 157 53139 4,7μH
5515 4822 157 50963 2,2μH
5521 4822 157 51195 1μH
5524 4822 157 53542 1μH 2%

5525 4822 148 81121 SOPS TRF
5529 4822 157 63411 68μH
5530 4822 157 63411 68μH
5531 4822 158 10551 27μH
5532 4822 157 51157 3,3μH

5534 4822 157 62878 3,3μH
5540 4822 156 20966 47μH
5541 4822 156 20966 47μH
5545 4822 157 51195 1μH
5554 4822 157 51157 3,3μH

5560 ▲ 4822 157 51462 10μH
5601 ▲ 4822 157 51462 10μH
5652 ▲ 4822 157 51462 10μH
5653 ▲ 4822 157 51462 10μH
5677 4822 157 53906 47μH



6014 4822 130 80888 BA682
6020 4822 130 81223 LLZ-C2V4
6034 4822 130 80446 LL4148
6042 4822 130 80888 BA682
6050 ▲ 4822 130 30621 1N4148

6051 ▲ 4822 130 30621 1N4148
6052 ▲ 4822 130 30621 1N4148

6053 4822 130 80446 LL4148
6054 4822 130 81147 LLZ-F6V2
6055 4822 130 80446 LL4148
6115 4822 130 80888 BA682
6116 4822 130 80888 BA682

6119 4822 130 80888 BA682
6120 4822 130 80888 BA682
6135 4822 130 80883 LLZ-C4V7
6170 4822 130 80888 BA682
6172 4822 130 80888 BA682

6289 4822 130 80446 BAS32L
6306 4822 130 80954 LLZ-C5V6
6370 4822 130 82304 LLZ-F12
6415 4822 130 80446 LL4148
6416 4822 130 42488 BYD33D

6443 5322 130 31938 BYV27-200
6446 4822 130 32896 BYD33M
6447 4822 130 32896 BYD33M
6449 4822 130 42488 BYD33D
6449 5322 130 32967 BYV26B

6451 4822 130 42488 BYD33D
6452 4822 130 42488 BYD33D
6453 4822 130 42488 BYD33D
6470 4822 130 42488 BYD33D
6502 4822 130 81497 1N4005GP

6503 4822 130 81497 1N4005GP
6504 4822 130 81497 1N4005GP
6505 4822 130 81497 1N4005GP
6511 4822 130 80446 LL4148
6513 4822 130 80446 LL4148

6514 4822 130 80446 LL4148
6515 4822 130 80446 LL4148
6516 4822 130 80886 LLZ-F22
6517 4822 130 31456 BZV85-C5V1
6521 4822 130 42488 BYD33D

6522 ▲ 4822 130 30621 1N4148
6523 4822 130 80446 LL4148
6530 4822 130 82033 BYD34J
6537 4822 130 34167 BZX79-F6V2
6540 4822 130 42488 BYD33D

6545 4822 130 42488 BYD33D
6549 4822 130 80446 LL4148
6554 4822 130 42489 BYD33G
6555 4822 130 82305 LLZ-F18
6557 4822 130 80887 LLZ-F36

6558 4822 130 80887 LLZ-F36
6559 4822 130 80887 LLZ-F36
6562 4822 130 80905 LLZ-F5V1
6566 4822 130 34174 BZX79-F4V7
6568 4822 130 81147 LLZ-F6V2

6569 4822 130 80446 LL4148
6570 4822 130 20245 SF0R5D43
6573 4822 130 80446 LL4148
6602 4822 130 82037 HZT33
6603 4822 130 80446 LL4148

6604 4822 130 80446 LL4148
6605 4822 130 80446 LL4148
6606 4822 130 80446 LL4148
6658 4822 130 80446 LL4148
6663 ▲ 4822 209 30563 TLXR5400

6679 4822 130 80446 LL4148
6698 4822 130 80446 LL4148
6849 ▲ 4822 130 30621 1N4148
6850 4822 130 80446 LL4148
6851 4822 130 80446 LL4148

6852 4822 130 80446 LL4148
6853 4822 130 80446 LL4148
6854 4822 130 80446 LL4148
6855 4822 130 80446 LL4148
6865 ▲ 4822 130 30621 1N4148



7002 4822 209 10892 LA7910
7015 4822 209 63107 TDA4504B/N1B
7027 4822 130 61207 BC848
7030 4822 130 61207 BC848
7038 4822 130 61207 BC848

7125 4822 209 63105 TDA3843/V3
7135 4822 209 30278 TDA3827/V3
7156 4822 130 61207 BC848
7157 ▲ 4822 209 60956 TDA7052/N1
7158 4822 130 61207 BC848

7170 4822 130 61207 BC848
7221 4822 209 31714 TDA4661/V2
7250 4822 209 30011 TDA4650/V4
7251 4822 130 61207 BC848
7255 4822 130 42696 BC818-25

7256 4822 130 61207 BC848
7260 4822 209 30389 TDA4510/V8
7280 4822 209 63104 TDA3504/V1
7290 4822 130 42134 BC858BR
7400 4822 209 60955 TDA3653B/N1

7440 4822 130 41782 BF422
7445 4822 130 42679 BUT11AF
7512 5322 130 42136 BC848C
7514 ▲ 4822 130 82034 CNX83A
7515 4822 130 42513 BC858C

7516 5322 130 44349 BC635
7525 4822 130 42679 BUT11AF
7537 5322 130 60159 BC846B
7552 4822 130 42155 BC327A
7553 5322 130 42012 BC858A

7554 4822 130 42032 BC337A
7555 5322 130 60159 BC846
7556 4822 130 60136 BC856
7561 4822 130 40823 BD135
7563 5322 130 42012 BC858

7571 4822 130 61207 BC848
7600 4822 209 32117 TMP47C434N3146
7600 4822 209 32139 TMP47C834NR132
7600 4822 209 63948 TMP47C434N3122
7605 4822 209 73852 PMBT2369

7654 4822 130 61207 BC848
7658 4822 209 73852 PMBT2369
7665 4822 130 61207 BC848
7670 4822 130 61207 BC848
7672 4822 130 61207 BC848

7674 4822 130 61207 BC848
7685 4822 209 62098 ST24C02A
7686 4822 130 61207 BC848
7875 4822 130 61207 BC848
7876 4822 130 61207 BC848

7877 4822 130 61207 BC848

Picture tube module

▲ 4822 255 70251 CRT SOCKET

Various

1235 ▲ 4822 071 56301 FUSE 630MA



2202	4822 126 11544	22000pF 63V
2204	4822 122 32142	270pF 2% 63V
2206	4822 124 41828	1µF 20% 250V
2217	4822 122 32142	270pF 2% 63V
2230	4822 122 32142	270pF 2% 63V
2237	4822 121 41926	33nF 5% 630V



3202	4822 053 11123	12k 5% 2W
3203	4822 111 50518	1k5 5% 0,5W
3204	4822 051 10229	22Ω 2% 0,25W
3205	4822 051 10621	620Ω 2% 0,25W
3206	4822 051 10112	1k1 2% 0,25W
3207	4822 100 11638	4k7 20% 0,1W
3207	4822 100 20171	2k2 10% 0,05W
3208	4822 051 10008	0Ω 5% 0,25W
3208 ▲	4822 051 10242	2k4 2% 0,25W
3210	4822 051 10332	3k3 2% 0,25W
3211	4822 051 10332	3k3 2% 0,25W
3212	4822 051 10332	3k3 2% 0,25W
3213	4822 100 11637	2k2 20% 0,1W
3214	4822 100 11637	2k2 20% 0,1W
3215	4822 053 11123	12k 5% 2W
3216	4822 111 50518	1k5 5% 0,5W
3217	4822 051 10229	22Ω 2% 0,25W
3218	4822 051 10621	620Ω 2% 0,25W
3219	4822 051 10112	1k1 2% 0,25W
3220	4822 100 11638	4k7 20% 0,1W
3220	4822 100 20171	2k2 10% 0,05W
3221	4822 051 10008	0Ω 5% 0,25W
3221 ▲	4822 051 10242	2k4 2% 0,25W
3222	4822 051 10561	560Ω 2% 0,25W
3224	4822 051 10152	1k5 2% 0,25W
3225	4822 051 10432	4k3 2% 0,25W
3226	4822 051 10112	1k1 2% 0,25W
3226	4822 051 10911	910Ω 2% 0,25W
3227	4822 051 10102	1k 2% 0,25W
3228	4822 053 11123	12k 5% 2W
3229	4822 111 50518	1k5 5% 0,5W
3230	4822 051 10229	22Ω 2% 0,25W
3231	4822 051 10008	0Ω 5% 0,25W
3231 ▲	4822 051 10242	2k4 2% 0,25W
3232	4822 051 10621	620Ω 2% 0,25W
3233	4822 051 10112	1k1 2% 0,25W
3234	4822 100 11638	4k7 20% 0,1W
3234	4822 100 20171	2k2 10% 0,05W
3235 ▲	4822 052 10108	1Ω 5% 0,33W
3236	4822 111 50518	1k5 5% 0,5W
3237	4822 111 50518	1k5 5% 0,5W



5235	4822 158 10549	12 µH (21")
5235	5322 157 53016	10 µH (14/17")



6205	4822 130 80446	BAS32L
6218	4822 130 80446	BAS32L
6227	4822 130 80446	BAS32L



7205	4822 130 41782	BF422
7218	4822 130 41782	BF422
7225	5322 130 42012	BC858
7227	4822 130 41782	BF422

Teletext module

4822 265 40469	CONN. 6P FEM.
4822 265 40471	CONN. 8P FEM.

Various

1701	4822 242 81246	27MHz
1702	4822 242 71508	6,00MHz
1710 ▲	4822 071 52501	FUSE 250MA



2701	4822 122 32504	15pF 2% 63V
2702	4822 122 31971	10pF 2% 63V
2703	4822 122 31746	1000pF 2% 63V
2704	4822 122 33496	100nF 10% 63V
2705	4822 122 33496	100nF 10% 63V

2706	4822 122 33496	100nF 10% 63V
2707	4822 122 33496	100nF 10% 63V
2709	4822 126 10324	33pF 2% 63V
2710	4822 126 10324	33pF 2% 63V
2712	4822 122 33496	100nF 10% 63V

2713	4822 122 33496	100nF 10% 63V
2714	4822 122 33496	100nF 10% 63V
2715	4822 122 33496	100nF 10% 63V
2716	4822 122 33496	100nF 10% 63V
2732	4822 122 33496	100nF 10% 63V

2734	4822 124 40435	10µF 20% 50V
2736	4822 122 31766	120pF 2% 63V
2750	4822 124 40177	47µF 20% 10V
2752	4822 124 40177	47µF 20% 10V
2770	4822 124 41584	100µF 20% 10V



3700 ▲	4822 116 52219	330Ω 5% 0,5W
3701 ▲	4822 116 52219	330Ω 5% 0,5W
3702	4822 051 10332	3k3 2% 0,25W
3704	4822 051 10152	1k5 2% 0,25W
3705	4822 051 10273	27k 2% 0,25W

3706	4822 116 52213	180Ω 5% 0,5W
3707	4822 050 11002	1k 1% 0,4W
3709	4822 051 10333	33k 2% 0,25W
3710	4822 051 10103	10k 2% 0,25W
3711	4822 051 10101	100Ω 2% 0,25W

3713	4822 051 10223	22k 2% 0,25W
3714	4822 051 10103	10k 2% 0,25W
3716	4822 051 51201	120Ω 1% 0,125W
3718	4822 116 52208	130Ω 5% 0,5W
3722	4822 051 10122	1k2 2% 0,25W

3723	4822 051 10102	1k 2% 0,25W
3724	4822 051 10332	3k3 2% 0,25W
3725	4822 051 10279	27Ω 2% 0,25W
3726	4822 051 10279	27Ω 2% 0,25W
3728	4822 051 10822	8k2 2% 0,25W

3729	4822 051 10331	330Ω 2% 0,25W
3730	4822 051 10471	470Ω 2% 0,25W
3731	4822 051 10331	330Ω 2% 0,25W
3732	4822 051 10102	1k 2% 0,25W
3733	4822 051 10102	1k 2% 0,25W

3734	4822 051 10681	680Ω 2% 0,25W
3735	4822 051 10561	560Ω 2% 0,25W
3736	4822 051 10473	47k 2% 0,25W
3737	4822 050 11002	1k 1% 0,4W
3738	4822 116 52284	47k 5% 0,5W

3740	4822 051 10102	1k 2% 0,25W
3741	4822 051 10102	1k 2% 0,25W
3742	4822 051 10102	1k 2% 0,25W
3750	4822 051 51201	120Ω 1% 0,125W
3751	4822 051 51201	120Ω 1% 0,125W

3752	4822 051 10101	100Ω 2% 0,25W
3756	4822 051 10103	10k 2% 0,25W

3757	4822 051 10101	100Ω 2% 0,25W
3760	4822 116 52256	2k2 5% 0,5W
3761	4822 116 52256	2k2 5% 0,5W
3762	4822 116 52175	100Ω 5% 0,5W

3763	4822 051 10101	100Ω 2% 0,25W
3765 ▲	4822 116 52202	82Ω 5% 0,5W
3766 ▲	4822 116 52202	82Ω 5% 0,5W
3767 ▲	4822 116 52202	82Ω 5% 0,5W
3768	4822 051 10101	100Ω 2% 0,25W

3769	4822 051 10331	330Ω 2% 0,25W
3770	4822 051 10101	100Ω 2% 0,25W

Jumper

4700	4822 051 10008	0Ω 5% 0,25W
4703	4822 051 10008	0Ω 5% 0,25W
4704	4822 051 10008	0Ω 5% 0,25W
4720	4822 051 10008	0Ω 5% 0,25W

5701	4822 157 70386	4,7μH
5704	4822 157 60123	6,8μH
5734	4822 157 53001	27μH
5746	4822 157 60123	6,8μH
5747	4822 157 60123	6,8μH
5770	4822 157 60123	6,8μH

6704	4822 130 82886	LLZ-F3V0
6705	4822 130 80446	LL4148
6710	4822 130 81139	LLZ-C3V3
6750	4822 130 81227	LLZ-F5V6
6751	4822 130 81227	LLZ-F5V6

7700	4822 209 31215	SAA5246AP/H
7700	4822 209 32122	SAA5246AP/E/S
7701	4822 209 72681	MSM5165AL-12RS
7702	4822 209 30281	PCF84C81A/097
7702	4822 209 31069	PCF84C81AP/098
7702	4822 209 32102	PCF84C81AP/125
7710 ▲	5322 130 41982	BC848B
7711 ▲	5322 130 41982	BC848B
7713	5322 130 60159	BC846B
7715 ▲	5322 130 41982	BC848B
7731	5322 130 42012	BC858
7732 ▲	5322 130 41982	BC848B
7750	4822 130 40855	BC337
7751	4822 130 40855	BC337
7754 ▲	5322 130 41982	BC848B
7755 ▲	5322 130 41982	BC848B
7765 ▲	5322 130 41982	BC848B
7766 ▲	5322 130 41982	BC848B
7767 ▲	5322 130 41982	BC848B

Interface module

4822 265 30497	CONN. 5P MALE
4822 264 50148	CONN. 8P MALE
4822 267 50591	CONN. 6P MALE

3781	4822 116 52233	10k 5% 0,5W
3782	4822 117 10224	12Ω 5% 1W
3783	4822 116 52226	560Ω 5% 0,5W
3784	4822 116 52226	560Ω 5% 0,5W
3785	4822 116 52226	560Ω 5% 0,5W
3786	4822 050 11002	1k 1% 0,4W